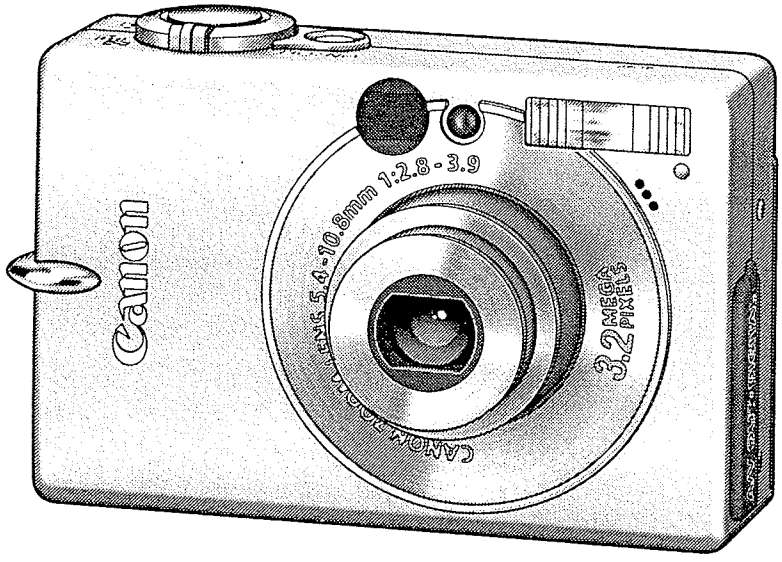
ENGLISH

Canon

DIGITAL

IXUS II

Camera User Guide



DiG!C

Exif Print

DPOF

DIRECT PRINT

BUBBLE JET DIRECT

- Please read the *Read This First* section (p. 7).
- Please refer to the *Software Starter Guide* for information on installing the software and downloading images.
- Please also read the printer user guide included with your Canon printer.

Camera Body Temperature

If your camera is used for prolonged periods, the camera body may become warm. Please be aware of this and take care when operating the camera for an extended period.

About the LCD Monitor

The LCD monitor is produced with extremely high-precision manufacturing techniques. More than 99.99% of the pixels operate to specification. Less than 0.01% of the pixels may occasionally misfire or appear as red or black dots. This has no effect on the recorded image and does not constitute a malfunction.

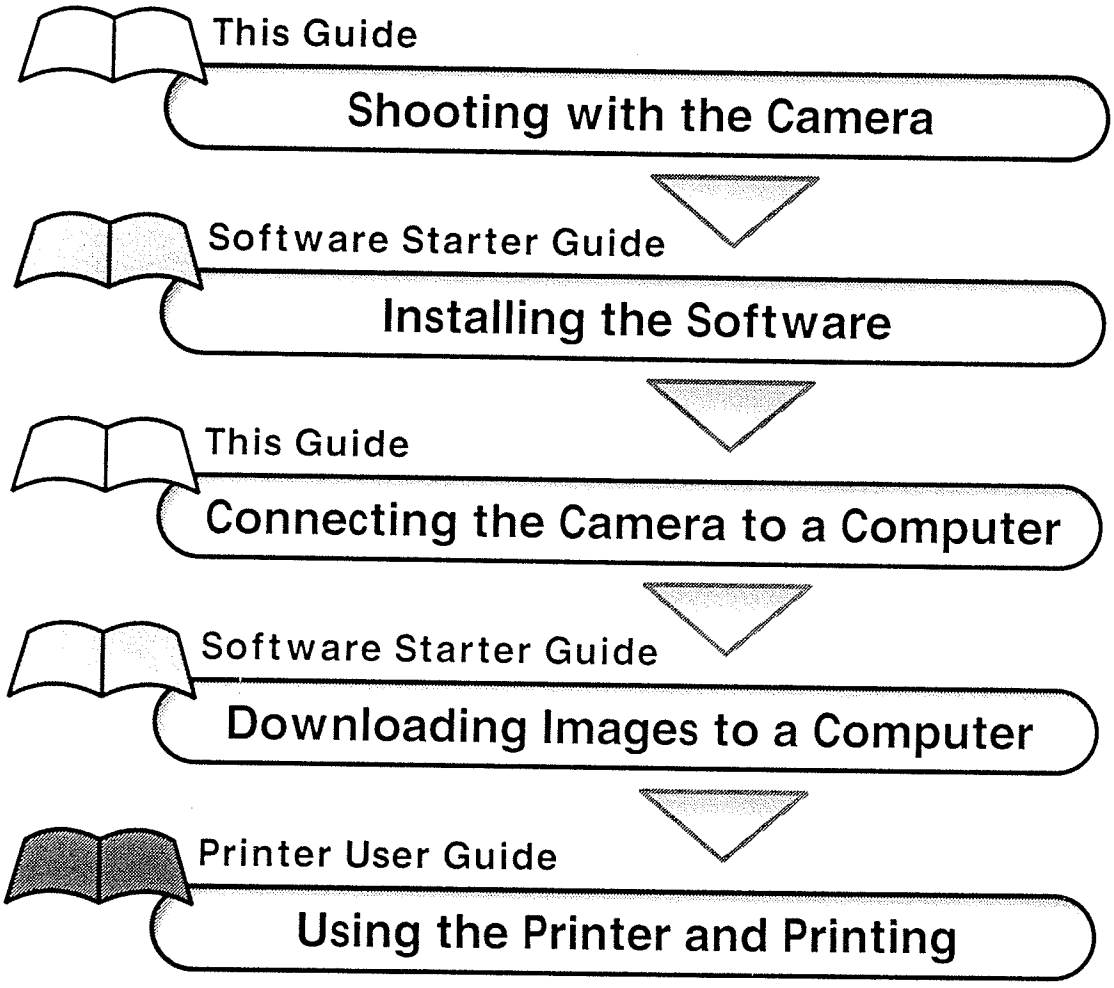
Video Format

Please set the camera's video signal format to the one used in your region before using it with a TV monitor (p. 146).

Charging the Date/Time Battery

- The camera has a built-in rechargeable lithium battery that maintains the date, time and other camera settings. This battery recharges when the main battery pack is inserted into the camera. When you first purchase the camera, place a charged battery pack in it or use the AC adapter kit (sold separately) for at least 4 hours to charge the date/time battery. It will charge even when the camera power is set to Off.
- If the Date/Time menu appears when the camera power is turned on, it means that the date/time battery charge is depleted. Recharge it as described above.

Flowchart and Reference Guides



Use of genuine Canon accessories is recommended.

This product is designed to perform optimally when used with genuine Canon accessories. Canon shall not be liable for any damage to this product and/or accidents such as fire, etc., caused by the malfunction of non-genuine Canon accessories (e.g., a leakage and/or explosion of a battery pack). Please note that this warranty does not apply to repairs arising out of the malfunction of non-genuine Canon accessories, although you may request such repairs on a chargeable basis.

Conventions Used in the Text

Icons on the right end of title bars show the applicable operating modes. As in the example below, the procedure can be performed in (Auto), M (Manual), M (Manual/Stitch Assist) or (Movie) mode.

Using the Self-timer

: This mark denotes issues that may affect the camera's operation.

: This mark denotes additional topics that complement the basic operating procedures.

In this guide SD memory card (Secure Digital, a copyright protection system) is referred to as SD card.

Question? Look Here First

■ How do I navigate the menus?

See *Selecting Menus and Settings* (p. 44).

■ What settings are available under each function?

and

Will my settings remain in effect even after I've turned the camera off?

See *Functions Available in Each Shooting Mode* (p. 192).

■ How do I go about printing?

See *About Printing* (p. 116).

■ What functions are available through the menu?

See *FUNC. Menu* (p. 148).
See *Rec. Menu* (p. 150).
See *Play Menu* (p. 152).
See *Set up Menu* (p. 154).
See *My Camera Menu* (p. 158).

Thumb Index

Quick Start 14

Preparing the Camera 16

Basic Functions 32

Shooting 58

Replaying 93

Erasing 113

Printing/Image Transfer Settings 116

Connecting the Camera to a Computer/TV 142

Lists of Menu Options and Messages 148

Appendices 166

Troubleshooting 168

Specifications 172

Table of Contents

Items marked with  are lists or charts that summarize camera functions or procedures.

Read This First 7
- Please Read 7
- Safety Precautions 8
- Preventing Malfunctions 13

Quick Start 14

Components Guide 16

Preparing the Camera 21
- Charging the Battery Pack 21
- Installing the Battery Pack 23
- Installing the SD Card 25
- Setting the Date and Time 28
- Setting the Language 30

Basic Functions 32
- Turning the Power On/Off 32
- Using the LCD Monitor 34
- Information Displayed on the LCD Monitor 36
- Using the Viewfinder 40
- Using the Zoom 41
- Pressing the Shutter Button 42
- Selecting Menus and Settings 44

Customizing the Camera (My Camera Settings) 53
- Changing My Camera Settings 53
- Registering My Camera Settings 55

Shooting 58
- Shooting in Auto Mode 58
- Reviewing an Image Right after Shooting 60
- Changing Resolution/Compression Settings 61
- Using the Flash 63
- / Shooting Close-Ups/Infinity Shots 65
- Using the Digital Zoom 67
- Continuous Shooting 68
- Using the Self-timer 69
- Shooting in Manual Mode 70

Shooting a Movie 71
Shooting in Stitch Assist 73
Locking the Focus (AF Lock) 76
Locking the Exposure Setting (AE Lock) 78
Locking the Flash Exposure Setting (FE Lock) 79
Switching between Autofocus Modes 80
Switching between Light Metering Modes 81
Adjusting the Exposure Compensation 82
Shooting in Long Shutter Mode 83
Setting the White Balance 85
Changing the Photo Effect 88
Adjusting the ISO Speed 89
Setting the Auto Rotate Function 90
Resetting the File Number 91

Replaying 93

Displaying Images Individually 93
Magnifying Images 94
Viewing Images in Sets of Nine (Index Replay) 95
Viewing Movies 97
Editing Movies 100
Rotating Images in the Display 102
Attaching Sound Memos to Images 104
Automated Playback (Slide Shows) 107
Protecting Images 112

Erasing 113

Erasing Single Images 113
Erasing All Images 114
Formatting SD Cards 115

Printing 116

About Printing 116
Connecting a Printer 120
Printing 124
Setting the Print Settings (Direct Print Function) 126
Setting the DPOF Print Settings 131

Image Transmission Settings (DPOF Transfer Order) .. 140

Selecting Images for Transferring 140

Downloading Images to a Computer 142
Connecting the Camera to a Computer via the USB cable..... 142
Downloading Directly from an SD Card 145
Shooting/Replaying with a TV 146
Lists of Menu Options and Messages 148
FUNC. Menu 148
Rec. Menu 150
Play Menu..... 152
Set up Menu 154
My Camera Menu 158
Resetting Settings to Their Default Values..... 161
List of Messages..... 162
Appendices..... 166
Using an AC Adapter Kit (Sold Separately) 166
Camera Care and Maintenance 167
Troubleshooting 168
Specifications..... 172
Index 179
Functions Available in Each Shooting Mode 192

Please Read

Test Shots

Before you try to photograph important subjects, we highly recommend that you shoot several trial images to confirm that the camera is operating and being operated correctly.
Please note that Canon, its subsidiaries and affiliates, and its distributors are not liable for any consequential damages arising from any malfunction of a camera or accessory, including SD memory cards, that results in the failure of an image to be recorded or to be recorded in a format that is machine readable.

Warning Against Copyright Infringement

Please note that Canon digital cameras are intended for personal use and should never be used in a manner that infringes upon or contravenes international or domestic copyright laws and regulations. Please be advised that in certain cases the copying of images from performances, exhibitions, or commercial properties by means of a camera or other device may contravene copyright or other legal rights even if the image was shot for personal use.

Warranty Limitations

For information on your camera's warranty, please refer to the Canon European Warranty System (EWS) Booklet supplied with your camera.

For Canon Customer Support contacts, please see rear of this booklet or the European Warranty System (EWS) Booklet.

Safety Precautions

- Before using the camera, please ensure that you read and understand the safety precautions described below. Always ensure that the camera is operated correctly.
- The safety precautions noted on the following pages are intended to instruct you in the safe and correct operation of the camera and its accessories to prevent injuries or damage to yourself, other persons and equipment.
- In the next few pages, the term equipment refers primarily to the camera and its power supply accessories, such as the battery charger and compact power adapter (sold separately).

⚠ Storing SD cards

Store the SD memory card out of the reach of children and infants. It may be swallowed accidentally. If this occurs, consult a doctor immediately.

⚠ Warnings

- **Do not aim the camera directly into the sun or at other intense light sources that could damage your eyesight.**
- **Do not trigger the flash in close proximity to human or animal eyes.** Exposure to the intense light produced by the flash may damage eyesight. In particular, remain at least one meter (39 inches) away from infants when using the flash.
- **Store this equipment out of the reach of children and infants.** Accidental damage to the camera or batteries by a child could result in serious injury. In addition, placement of the strap around the child's neck could result in asphyxiation.
- **Do not attempt to disassemble or alter any part of the equipment that is not expressly described in this guide.** Disassembly or alteration may result in high-voltage electrical shock. Internal inspections, alterations and repairs should be conducted by qualified service personnel authorized by your camera distributor or a Canon Customer Support Help Desk.

- **To avoid the risk of high-voltage electrical shock, do not touch the flash portion of the camera if it has been damaged.** Similarly, never touch internal portions of the equipment that become exposed as a result of damage. There is a risk of high-voltage electrical shock. Please take the first opportunity to consult your camera distributor or the closest Canon Customer Support Help Desk.

- **Stop operating the equipment immediately if it emits smoke or noxious fumes.** Failure to do so may result in fire or electrical shock. Immediately turn the camera power off, remove the camera battery or unplug the power cable from the power outlet. Confirm that smoke or fume emissions have ceased. Please consult your camera distributor or the closest Canon Customer Support Help Desk.

- **Stop operating the equipment if it is dropped or the casing is damaged.** Failure to do so may result in fire or electrical shock. Immediately turn the camera power off, remove the camera battery or unplug the power cable from the power outlet. Please consult your camera distributor or the closest Canon Customer Support Help Desk.

- **Do not allow the equipment to come into contact with, or become immersed in, water or other liquids.** Do not allow liquids to enter the interior. The camera has not been waterproofed. If the exterior comes into contact with liquids or salt air, wipe it dry with a soft, absorbent cloth. If water or other foreign substances enter the interior, immediately turn the camera power off and remove the camera battery or unplug the power cable from the power outlet. Continued use of the equipment may result in fire or electrical shock. Please consult your camera distributor or the closest Canon Customer Support Help Desk.

- **Do not use substances containing alcohol, benzene, thinners or other flammable substances to clean or maintain the equipment.** The use of these substances may lead to fire.

- **Remove the power cable on a regular periodic basis and wipe away the dust and dirt that collects on the plug, the exterior of the power outlet and the surrounding area.** In dusty, humid or greasy environments, the dust that collects around the plug over long periods of time may become saturated with humidity and short-circuit, leading to fire.

- **Do not cut, damage, alter or place heavy items on the power adapter cable.** Any of these actions may cause an electrical short circuit, which may lead to fire or electrical shock.
- **Do not handle the power cable if your hands are wet.** Handling it with wet hands may lead to electrical shock. When unplugging the cable, ensure that you hold the solid portion of the plug. Pulling on the flexible portion of the cable may damage or expose the wire and insulation, creating the potential for fires or electrical shocks.
- **Use only recommended power accessories.** Use of power sources not expressly recommended for this equipment may lead to overheating, distortion of the equipment, fire, electrical shock or other hazards.
- **Do not place the batteries near a heat source or expose them to direct flame or heat.** Neither should you immerse them in water. Such exposure may damage the batteries and lead to the leakage of corrosive liquids, fire, electrical shock, explosion or serious injury.
- **Do not attempt to disassemble, alter or apply heat to the batteries.** There is serious risk of injury due to an explosion. Immediately flush with water any area of the body - including the eyes and mouth, or clothing - that comes into contact with the inner contents of a battery. If the eyes or mouth contact these substances, immediately flush with water and seek medical assistance.
- **Avoid dropping or subjecting the batteries to severe impacts that could damage the casings.** It could lead to leakage and injury.
- **Do not short-circuit the battery terminals with metallic objects, such as key holders.** It could lead to overheating, burns and other injuries. Use the supplied terminal cover to transport or store the battery pack.
- **Before you discard a battery, cover the terminals with tape or other insulators to prevent direct contact with other objects.** Contact with the metallic components of other materials in waste containers may lead to fire or explosions. Discard the batteries in specialized waste facilities if available in your area.
- **Use only recommended batteries and accessories.** Use of batteries not expressly recommended for this equipment may cause explosions or leaks, resulting in fire, injury and damage to the surroundings.

- **Use the specified battery charger to charge Battery Pack NB-3L.** Use of other chargers may lead to overheating, distortion of the equipment, fire or electrical shock.
- **Disconnect the battery charger and compact power adapter from both the camera and the power outlet after recharging and when they are not in use to avoid fire and other hazards.** Continuous use over a long period may cause a unit to overheat and distort, resulting in fire.
- **The camera terminal of the supplied compact power cord is designed for exclusive use with your camera.** Do not use it with other products or batteries. There is a risk of fire and other hazards.

Caution about magnetic fields

Keep objects that are sensitive to magnetic fields (such as credit cards) away from the speaker of the camera. Such items may lose data or stop working.

⚠ Cautions

- **Avoid using, placing or storing the equipment in places subject to strong sunlight or high temperatures, such as the dashboard or trunk (boot) of a car.** Exposure to intense sunlight and heat may cause the batteries to leak, overheat or explode, resulting in fire, burns or other injuries. High temperatures may also cause deformation of the casing. Ensure that there is good ventilation when using the compact power adapter to charge the battery pack or power the camera.
- **Do not store the equipment in humid or dusty areas.** Storage in such areas could lead to fire, electrical shock or other damage.
- **Be careful not to bang the camera or subject it to strong impacts or shocks that could lead to injury or damage the equipment when wearing or holding it by the strap.**
- **Be careful not to cover the flash with your fingers when shooting.** In addition, do not touch the surface of the flash after taking several pictures in rapid succession. Either action could result in burns.
- **Do not operate the flash with dirt, dust or other items stuck to its lens.** The resulting heat build-up could damage the flash.
- **Ensure that the battery charger is plugged into a power outlet of the specified rating, not over the specified rating.** The plug of the battery charger varies according to region.
- **Do not use the battery charger if the cable or plug is damaged, or if the plug is not fully inserted into the power outlet.**
- **Do not allow metal objects (such as pins or keys) or dirt to contact the charger terminals or plug.**
- **If your camera is used for prolonged periods, the camera body may become warm.** Please take care when operating the camera for extended periods as your hands may experience a burning sensation.

Preventing Malfunctions

Avoid Strong Magnetic Fields

Never place the camera in close proximity to electric motors or other equipment generating strong electromagnetic fields. Exposure to strong magnetic fields may cause malfunctions or corrupt image data.

Avoid Condensation Related Problems

Moving the equipment rapidly between hot and cold temperatures may cause condensation (water droplets) to form on its external and internal surfaces. You can avoid this by placing the equipment in an airtight, resealable plastic bag and letting it adjust to temperature changes slowly before removing it from the bag.

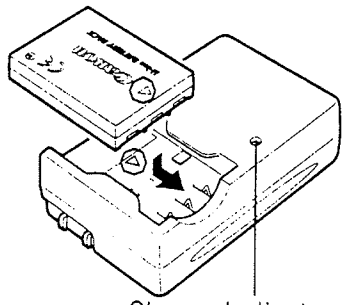
If Condensation Forms Inside the Camera

Stop using the camera immediately if you detect condensation. Continued use may damage the equipment. Remove the SD card and battery or Compact Power Adapter (if connected) from the camera and wait until the moisture evaporates completely before resuming use.

Extended Storage

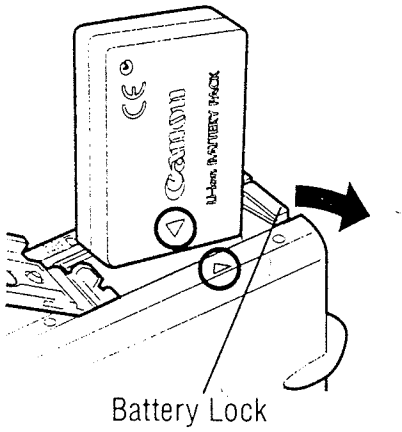
When not using the camera for extended periods of time, remove the battery pack and store the equipment in a safe place. Storing the camera for extended periods with a battery pack installed will run down the battery pack and may damage the camera. Please note, however, that the date, time and other camera settings may reset to the default settings if the battery pack has been removed for more than three weeks. Follow the instructions in this guide to reset the desired settings.

Quick Start



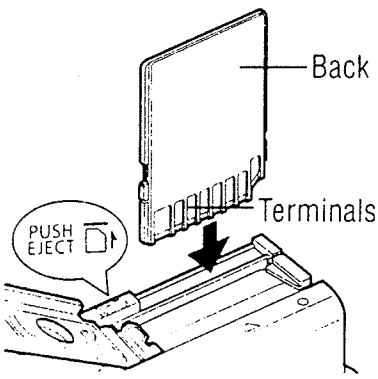
1 Charge the Battery Pack (p. 21).

Charge the battery pack using the supplied battery charger. The charging is complete when the charge indicator turns from orange to green.



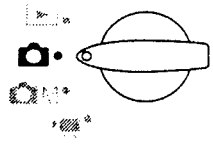
2 Install the Battery Pack (p. 23).

Slide the SD card slot/battery cover open and press the battery lock while you insert the battery pack.

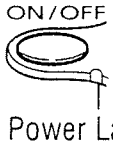


3 Install the SD Card (p. 25).

- Insert the SD card as shown on the bottom of the camera until you hear it click into place.
- Do not touch or allow metal objects to contact the terminals.

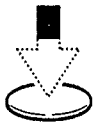


4 Turn the mode switch to 📷 (Auto) (p. 20).



5 Turn on the power (p. 32).

Press the **ON/OFF** button until the power lamp lights.



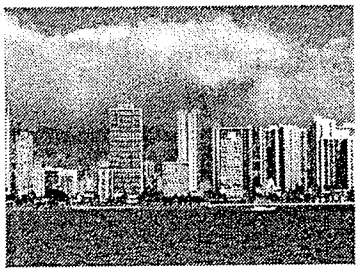
6 Focus (p. 42).

Aim the camera and lightly press (halfway) the shutter button. Two beeps will sound when the autofocus is set.



7 Shoot (p. 43).

Press the shutter button fully. The shutter sound will sound when the shot is complete.



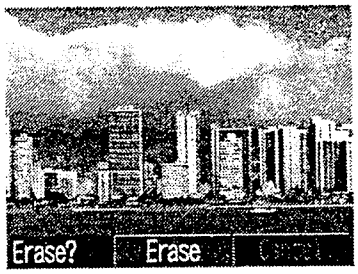
8 View the Recorded Image (p. 60).

The recorded image displays for approximately 2 seconds. To continue displaying the image, keep the shutter button pressed or hold the shutter button until you press the **SET** button and then release both.



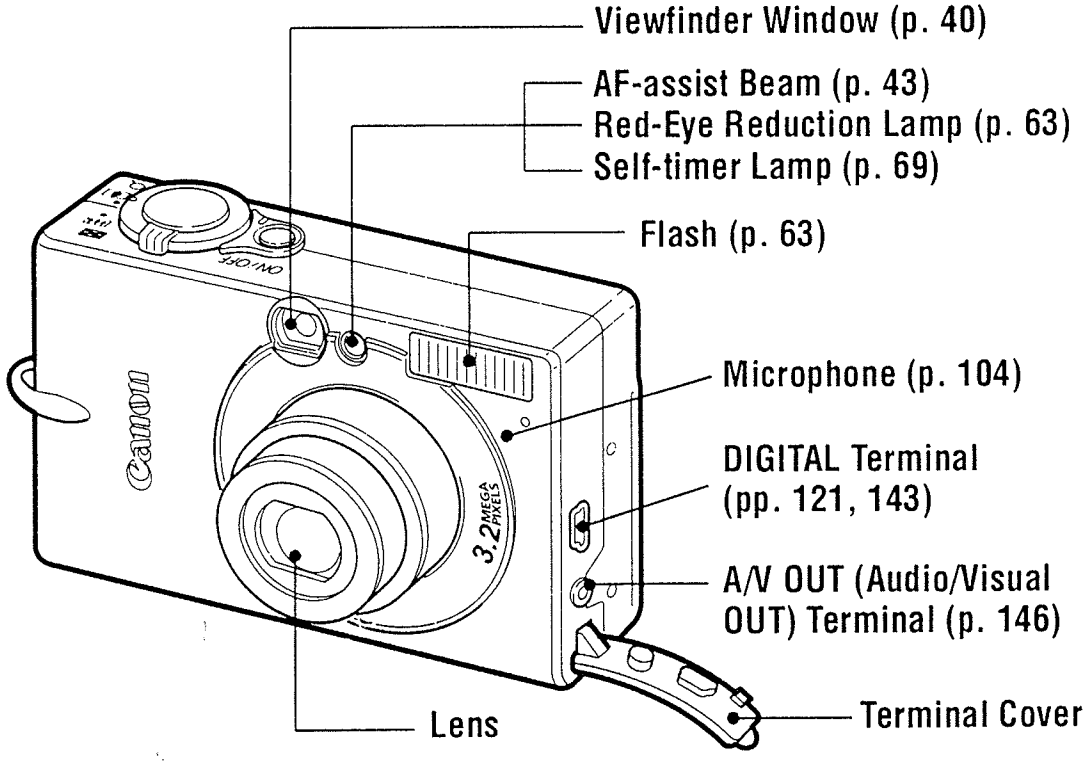
To Immediately Delete the Displayed Image

1. Press the 🗑 button while the image is displayed.
2. Confirm that [Erase] is selected and press the **SET** button.



- Set the date and time if the Date/Time menu appears (p. 28).
- You can change the language in which menus are displayed (p. 30).
- To view the other images you have photographed, refer to the *Replaying* section (p. 93).
- After you finish using the camera, press the **ON/OFF** button to shut the power off.

Front View

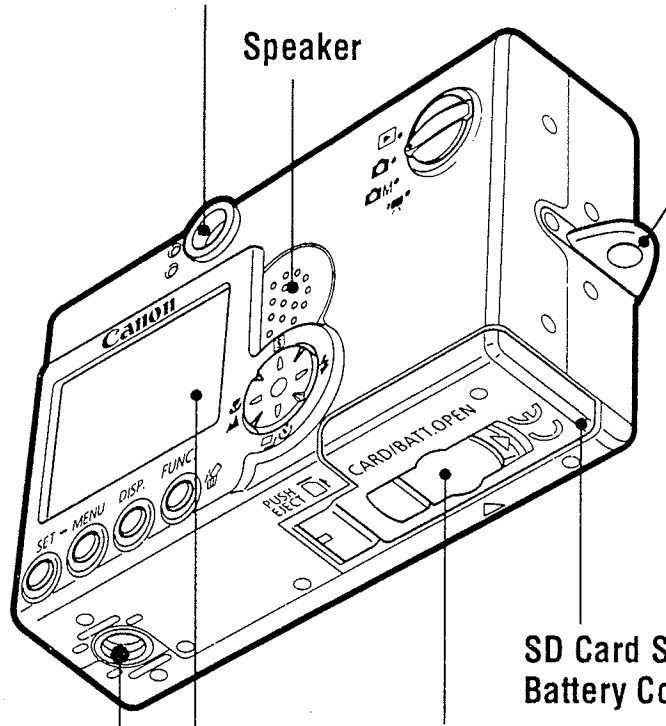


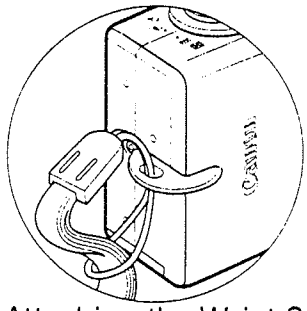
The following cables are used to connect the camera to a computer or printer.

- Computer (p. 143)
 USB Interface Cable IFC-300PCU (supplied with camera)
- Direct Print Compatible Printer (CP series, sold separately) (p. 121)
 Direct Interface Cable DIF-100
 (supplied with direct print compatible printers)
- Direct Print Compatible Bubble Jet Printer (sold separately) (p. 122)
 Please refer to your Bubble Jet printer *Quick Start Guide*.

Please refer to the *System Map* supplied with the camera for direct print compatible printers.

Back View

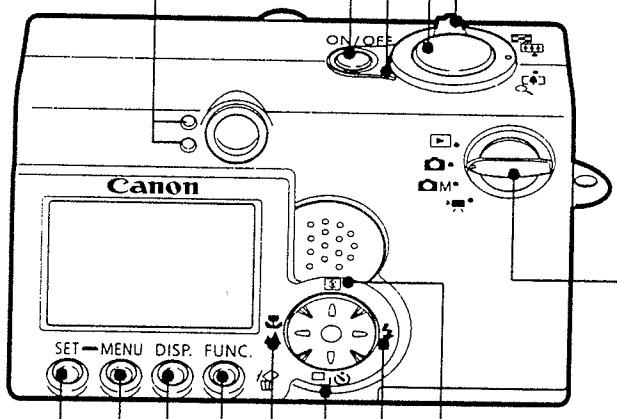




Attaching the Wrist Strap*

* Be careful not to wave the camera about or catch it on other items when dangling it from the wrist strap.

Operation Panel



ON/OFF Button (p. 32)

Power Lamp
Lights when the power is on or transmission preparations are complete when connected to a computer

Shutter Button (p. 42)

Indicators (p. 19)

Zoom Lever
Shooting: (Telephoto)/ (Wide Angle) (p. 41)
Replay: (Magnify)/ (Index) (pp. 94, 95)

Mode Switch (p. 20)

(Light Metering)/ Button (p. 81)

(Flash)/ Button (p. 63)

(Continuous)/ (Self-timer)/ Button (pp. 68, 69)

(Macro)/ (Infinity)/ Button (p. 65)

FUNC. (Function)/ (Single Image Erase) Button (pp. 44, 113)

DISP. (Display) Button (p. 34)

MENU Button (p. 46)

SET Button

Indicators

The indicators beside the viewfinder light or blink when the **ON/OFF** button or shutter button is pressed.

Upper Indicator

Green: Ready to shoot

Blinking Green: Recording to SD card/Reading SD card/Erasing from SD card/Transmitting data (during a computer connection)

Orange: Ready to shoot (flash on)

Blinking Orange: Ready to shoot (camera shake warning)

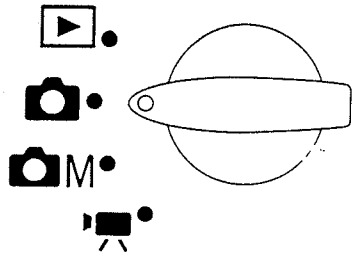
Lower Indicator

Yellow: Macro mode/Infinity mode/Focus lock (Method 2, p. 76)

Blinking Yellow: Focusing difficulty (1 beep sounds)
Although you can press the shutter button, you are recommended to use the focus lock (p. 76)

Mode Switch

Use the mode switch to select the camera's operating mode.



Shooting Mode

(Auto)

Most settings are automatically selected by the camera (p. 58).

M (Manual)

The exposure compensation, white balance, photo effect and other settings can be manually selected (p. 70).

(Movie)

Shoots movie clips (p. 71).

Replay Mode

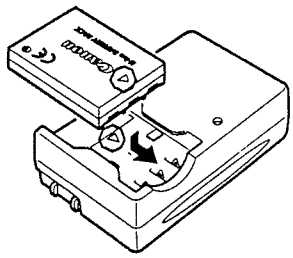
(Replay)

- Replay or delete images from the SD card (pp. 93, 113).
- Download and display images on a connected computer (p. 142).
- Print images directly to a connected printer (p. 116).

- The or icon displays on the LCD monitor when a connection to a printer (sold separately) is opened.
- The LCD monitor shuts off while a computer is connected.

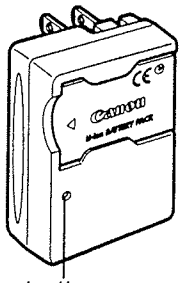
Charging the Battery Pack

Use the following procedures to charge the battery pack the first time you use the camera or when the "Change the battery pack" message displays.

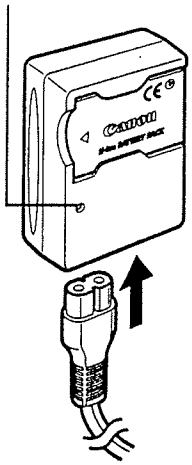


1 Insert the battery pack into the battery charger.

Align the battery pack according to the arrows on the battery and the charger. Insert the battery securely.



Charge Indicator



2 Battery charger model names and types vary by region

(For CB-2LU)

Plug the battery charger into a power outlet.

(For CB-2LUE)

Attach the power cord to the battery charger and plug it into a power outlet.

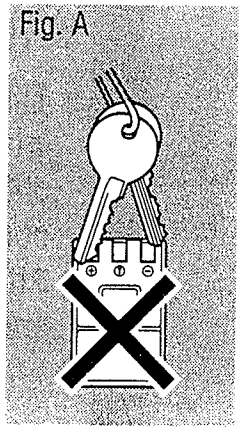
- The charge indicator will light orange while the battery pack is charging. It will change to green when the charge is complete.
- After charging, unplug the battery charger and remove the battery pack.

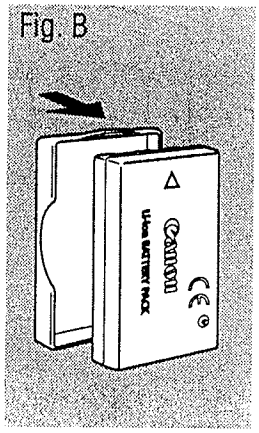
To protect the battery pack and prolong its life, do not charge it for longer than 24 hours continuously.

- Since this is a lithium ion battery pack, you need not completely discharge it before recharging. It can be recharged at any point.
- It takes approximately 95 minutes to fully charge the battery pack from a fully discharged state (based on Canon's testing standard). Charging it within a temperature range of 5° to 40 °C (41° to 104 °F) is recommended.
- Charge times may vary according to the ambient temperature and the battery pack's charge state.
- See *Battery Capacity* (p. 175).
- You may hear a noise during charging. This is not a malfunction.

Handling Precautions

- Keep the battery pack terminals (⊕Ⓣ⊖) clean at all times. Dirty terminals may cause poor contact between the battery pack and camera. Polish the terminals with a tissue or a dry cloth before charging or using the battery pack.
- Do not rapidly overturn or wave the battery charger around when it contains the battery pack. The battery pack could fly out.
- At low temperatures, battery pack performance may be reduced and the low battery icon may appear earlier than usual. Under these conditions, resuscitate the battery pack by warming it in a pocket immediately before use. However, ensure that there are no metallic items in the pocket that could cause a short circuit, such as a key holder, etc.
- Do not place anything, such as tablecloths, carpets, bedding or cushions, on top of the battery charger while it is charging. Heat will build up and could result in a fire.
- Do not charge batteries other than Battery Pack NB-3L in this charger.
- The battery pack continues to discharge a minimal portion of its power while installed in the camera, even with the power off, or in the charger. This will shorten battery life.
- Do not allow any metal objects such as key rings to touch the ⊕ and ⊖ terminals (Fig. A), as this can damage the battery pack. To carry the battery pack or store it during periods of disuse, always replace the terminal cover (Fig. B) and store it in a cool, dry place. Recharge it fully before using it again.



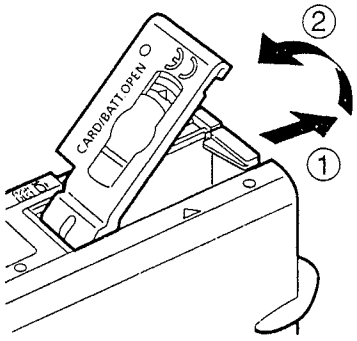


- Even charged battery packs continue to discharge naturally. You are advised to charge the battery on the day of use, or one day before, to ensure a full charge.
- Since storing a fully charged battery pack for long periods of time (about 1 year) can shorten its life cycle or affect performance, you are recommended to use the battery pack in the camera until it is completely discharged and to store it at normal temperature (23 °C/73 °F) or lower. If you do not use the battery pack for long periods of time, charge it fully and discharge it fully in the camera at least once a year before returning it to storage.
- If the performance of the battery pack diminishes substantially even when it is fully charged, its life has been exceeded and it should be replaced.

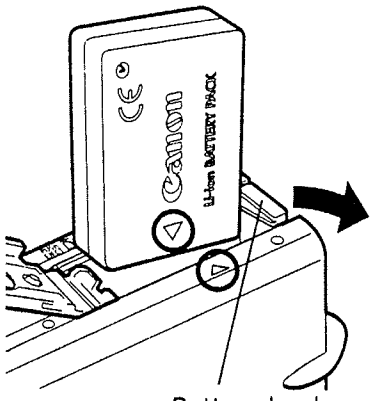
Installing the Battery Pack

Install Battery Pack NB-3L (supplied).

Please recharge the battery pack (p. 21) before you use it for the first time.

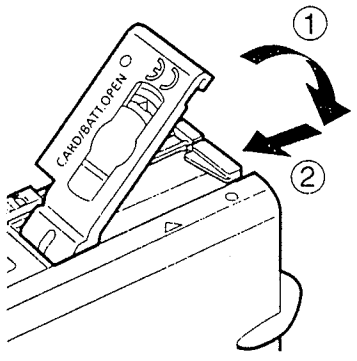


1 Slide the SD card slot/battery cover in the direction of the arrows.



2 Press the battery lock while inserting the battery pack all the way in until the lock clicks.

- Insert the battery pack correctly by aligning the arrows on the camera and the battery pack.
- To remove the battery pack, press the battery lock and pull the battery pack out.



3 Slide the SD card slot/battery cover closed.

- Do not turn off the power or open the SD card slot/battery cover while the upper indicator beside the viewfinder blinks green. The camera is writing, reading, erasing or transmitting an image to or from the SD card.
- Remove the battery pack when the camera is not in use. Please note, however, that the date, time and other camera settings may reset to the default settings if the battery pack has been removed for more than three weeks.

Please use an AC Adapter Kit ACK900 (sold separately) for extended use of the camera (p. 166).

Battery Pack Charge

The following icons and messages will display when the battery pack charge is low.

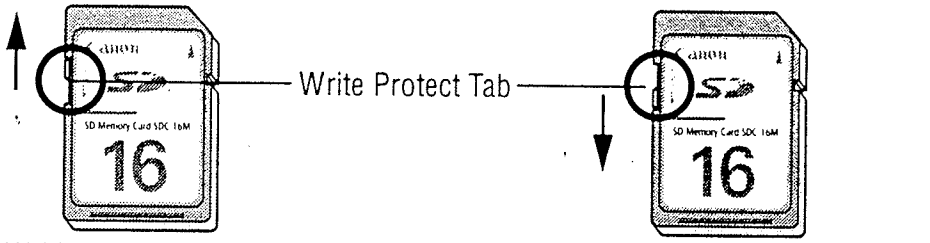
	Battery pack charge is low. Recharge it as soon as possible before it is required for an extended period. When the LCD monitor is off, this icon will display when you press the ⚡, ⧉/⏲, ❀/▲, **DISP.**, ⊙ (📷M mode) or **FUNC.** button.
Change the battery pack	Battery charge is insufficient to operate the camera. Replace the battery pack immediately.

See *Battery Capacity* (p. 175).

Installing the SD Card

Write Protect Tab

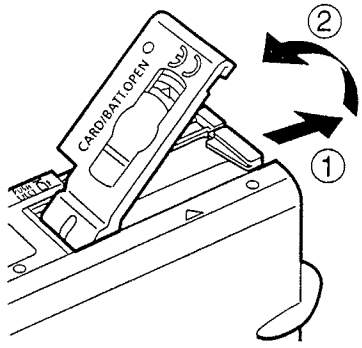
The SD card has a write protect tab. Sliding the tab downward prevents recording of data and protects existing data (e.g. images). When recording to, erasing from or formatting the SD card, slide the tab upward.



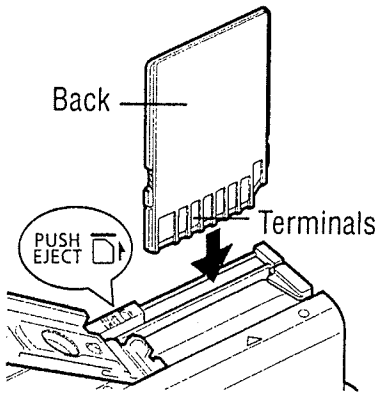
Writing/Erasing possible

Writing/Erasing impossible

Turn the camera power off and insert the SD card with the following procedures.

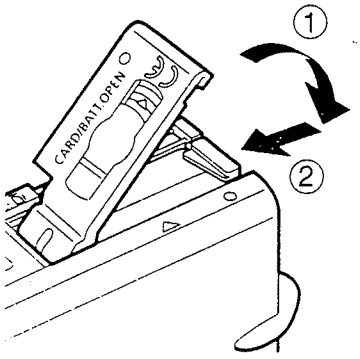


1 Slide the SD card slot/battery cover in the direction of the arrows.



2 Insert the SD card.

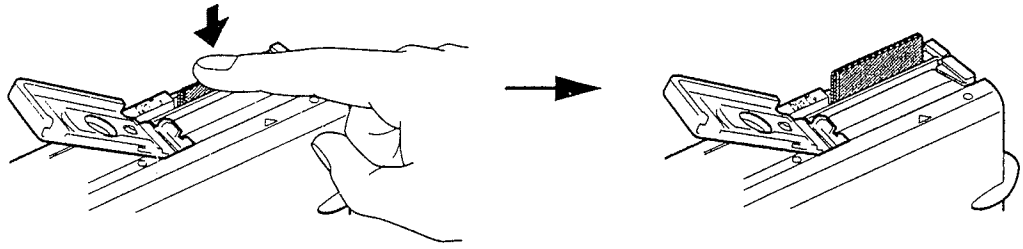
- Insert the SD card as shown on the bottom of the camera until you hear it click into place.
- Do not touch or allow metal objects to contact the terminals.



3 Slide the SD card slot/battery cover closed.

To remove the SD card

Push in the SD card until you hear it click, then release it.



- Since the camera is writing, reading, erasing or transmitting data to or from the SD card when the upper indicator beside the viewfinder blinks green, never perform the following actions during this time. It could corrupt the image data.
 - Subject the camera body to vibration or shocks.
 - Turn the camera's power off, or open the SD card slot/battery cover.
- Please note that SD cards formatted with other manufacturers' cameras or a computer, or formatted or edited with application programs, may slow down writing to the SD card or may not operate correctly in the camera.
- You are recommended to use SD cards that have been formatted in your camera (p. 115). The card supplied with the camera may be used without further formatting.

See *SD Cards and Estimated Capacities* (p. 176).

Handling Precautions for SD Cards

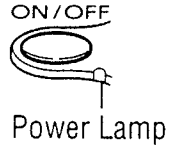
- SD cards are high-precision electronic devices. Do not bend them, apply force to them, or subject them to shocks or vibration.
- Do not attempt to disassemble or alter the SD card.
- Do not allow dirt, water or foreign objects to contact the terminals on the back of the card. Do not touch the terminals with your hands or metal objects.
- Do not peel away the original label on the SD card or cover it with another label or sticker.
- When writing on the SD card, use a soft point pen (e.g. felt-tip pen). Using a sharp point pen (e.g. ball-point pen) or pencil may damage the SD card or corrupt the recorded data.
- Since some or all of the data recorded on the SD card may be corrupted or erased by electrical noise, static electricity or card malfunction, making a backup copy of important data is recommended.
- Moving an SD card rapidly between temperature extremes will cause condensation to form in the card and lead to a malfunction. To avoid condensation, place the SD card in a sealed plastic bag before moving it into a different temperature zone and allow it to adjust slowly to the new temperature.
- If condensation forms on the SD card, store it at room temperature until the water droplets have evaporated naturally.
- Do not use or store SD cards in the following types of locations.
 - Locations subject to dust or sand
 - Locations subject to high humidity and high temperatures

Precaution for Multi Media Cards

This camera is designed to perform optimally when used with genuine Canon-brand SD cards. You may use multi media cards with this camera. However, Canon makes no warranties concerning the use of multi media cards.

Setting the Date and Time

The Date/Time menu will appear the first time the camera power is turned on or whenever the built-in rechargeable lithium battery charge is low. Start from Step 5 to set the date and time.



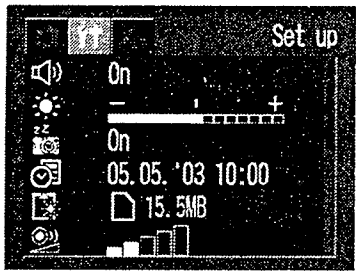
1 Press the ON/OFF button until the power lamp lights green.



2 Press the MENU button.

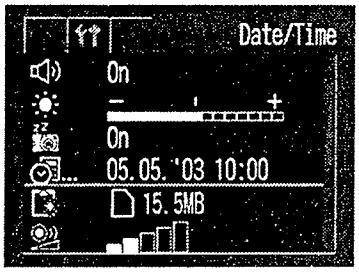
The [●] (Rec.) or [▶] (Play) menu is displayed.





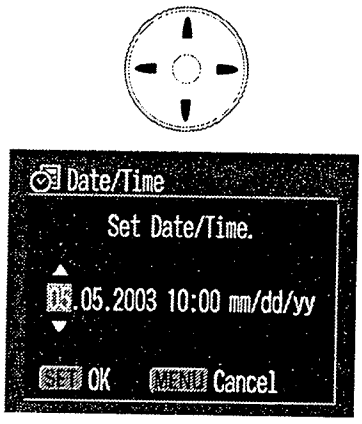
3 Use the ◄/► button to select the [T] (Set up) menu.







4 Use the ▲/▼ button to select [⏲] and press the SET button.



5 Set the date and time.

- Use the ◄/► button to select a field (year, month, day, hour, minute and date format).
- Use the ▲/▼ button to change its value.



6 Press the SET button.

The setting is complete.



7 Press the MENU button.

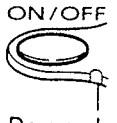
The display will return to the Rec. or Play screen.

- Please note that the date and time settings may reset to the default settings if the camera battery has been removed for more than three weeks. Reset them when this occurs.
- Setting the date and time settings does not cause the date/time stamp to appear on images.

- Charging the Date/Time Battery
 - The camera has a built-in rechargeable lithium battery for saving settings such as the date and time. This battery is recharged by the battery pack while it is in the camera. Right after purchasing the camera, leave a charged battery pack in the camera, or plug in AC Adapter Kit ACK900 (sold separately), for about 4 hours to charge the date/time battery. It will charge even when the camera power is turned off.
 - If the Date/Time menu appears when the camera power is turned on, the date/time battery charge is low. Use the above method to recharge it.
- You can print the date on images (p. 126).

Setting the Language

Use this function to select the language the LCD monitor displays.

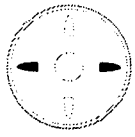


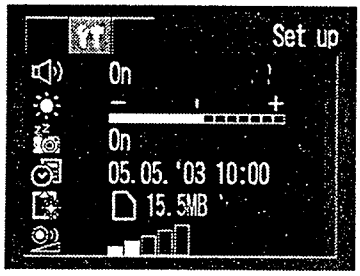
1 Press the ON/OFF button until the power lamp lights green.



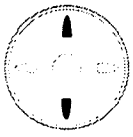
2 Press the MENU button.

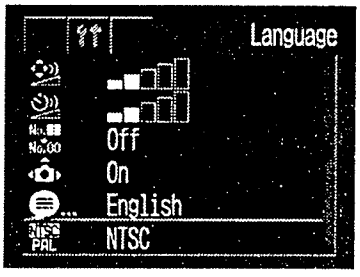
The [camera] (Rec.) or [play] (Play) menu is displayed.





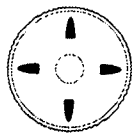
3 Use the ◄/► button to select the [tools] (Set up) menu.







4 Use the ▲/▼ button to select [lang] and press the SET button.





SET

5 Use the ▲/▼/◄/► button to select a language and press the SET button.

MENU



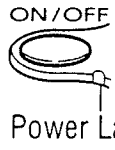
6 Press the MENU button.

The display will return to the Rec. or Play screen.



The Language menu can also be displayed in replay mode by holding down the **SET** button and pressing the **MENU** button. This function cannot be used while a movie clip is replayed, or a direct print compatible printer (CP series, sold separately) or a direct print compatible Bubble Jet printer (sold separately) is connected to the camera.

Turning the Power On/Off



Press the ON/OFF button until the power lamp lights green.

- The lens extends when the mode switch is set to 📷, 📷M or 🎥.
- The lens retracts approximately 1 minute after setting the mode switch from 📷, 📷M or 🎥 to ▶.
- When the mode switch is set to ▶ or 🎥, the LCD monitor turns on. (When the mode switch is set to ▶, the upper indicator beside the viewfinder blinks green.)

To turn the power off

Press the **ON/OFF** button again.

- If the "Card locked!" message appears right after the power is turned on, the SD card cannot record (p. 25).
- The Date/Time menu will appear the first time the camera power is turned on or whenever the built-in rechargeable lithium battery charge is low. Reset the date and time when this occurs (p. 28).
- If the Auto Power Down function activates, press the **ON/OFF** button to restore power.
- The start-up sound will sound and the start-up image will display in the LCD monitor when the power is turned on. (To change the start-up sound and image, see pp. 33, 53, 158)
- The start-up image does not display when the LCD monitor is turned off in shooting mode or when the camera is connected to a TV via the A/V OUT terminal.

Turning Off the Start-Up Sound and Start-Up Image

Hold the **SET** button down while turning on the power.

Auto Power Down Function

This camera is equipped with an Auto Power Down function. The power will automatically shut down under the following circumstances when this function is set to [On]. Press the **ON/OFF** button to restore power.

Shooting Mode: Powers down approximately 3 minutes after the last control is accessed on the camera.
The LCD monitor automatically turns off 3 minutes after the last control is accessed even if this function is set to [Off].
(Press any button except the **ON/OFF** button to turn the LCD monitor back on.)

Replay Mode: Powers down approximately 5 minutes after the last control is accessed on the camera.

Connected to a Printer (sold separately): Powers down approximately 5 minutes after the last control is accessed on the camera or something is printed on a connected printer.

- **The Auto Power Down function will not activate during a slide show or while the camera is connected to a computer.**
- **The camera's settings can be changed to turn off the Auto Power Down function (p. 154).**

Using the LCD Monitor

The LCD monitor can be used to compose images while shooting, adjust settings menus and replay images.

The image in the LCD monitor will darken in strong sunlight or bright light. This does not constitute a malfunction.

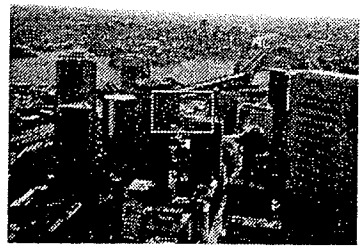
Shooting Mode (📷, 📷M, 🎥)

DISP.

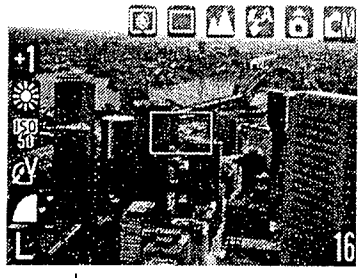
Press the DISP. button.

The display mode changes as follows with each press.

→ Standard (No Information)



Detailed (Information View)



Off

- The LCD monitor setting (On or Off) is saved by the camera when the power is turned off so that the same setting is automatically available when the power is turned on again. However, the setting may be lost when the power has been turned off after the "Change the battery pack" message has displayed, while the LCD monitor was on in shooting mode.
- In the mode, the LCD monitor turns on regardless of its On/Off setting.

Replay Mode ()

When the mode switch is set to , the LCD monitor will turn on.

DISP.

Press the DISP. button.

The display mode changes as follows with each press.

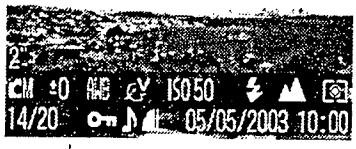
Standard





Detailed





No Display

You cannot switch the display to Detailed in index replay mode (p. 95).

Information Displayed on the LCD Monitor

Shooting Mode

When a shooting setting is changed, information about the settings displays on the LCD monitor for approximately 6 seconds even if the LCD monitor is set to Off or to the No Display mode. (It may not display under some circumstances, depending on the selected settings.)

You may set the flash, continuous mode, self-timer, macro, infinity and metering mode settings while this information is displayed.

- After you press the shutter button and take a shot, the recorded image appears on the LCD monitor for 2 to 10 seconds (1-second increments). It will continue to display if you press the **SET** button while it is shown on the screen. See *Changing the Review Duration* (p. 60).
- While a recorded image is displayed on the LCD monitor, you can check the exposure with the graph (See *Histogram Function* (p. 39)). that shows the distribution of the brightness data. If the exposure requires adjustment, set the exposure compensation and reshoot. (Press the **DISP.** button if the histogram and other information is not shown)

A slow shutter speed has likely been selected because of insufficient lighting if the upper indicator beside the viewfinder blinks orange after the metering preparations are complete and the camera shake icon displays in the LCD monitor. Set the flash to or , or affix the camera to a tripod to shoot.



-2 ··· +2
Exposure Compensation (p. 82)

1" ··· 15"
Long Shutter Mode (p. 83)

White Balance (p. 85)

ISO 50 ISO 100 ISO 200 ISO 400
ISO Speed (p. 89)

Photo Effect (p. 88)

Compression (p. 61)

L M1 M2 S
640 320 160
Resolution (p. 61)

*
Camera Shake Warning (p. 36)

*
Low Battery (p. 24)

Metering Mode (p. 81)

Shooting Method (pp. 68, 69)

Macro/Infinity (p. 65)

Flash (p. 63)

Auto Rotate (p. 90)

Shooting Mode (pp. 20, 73)

● (Red)*
Movie Recording (p. 71)

2.6x 3.2x 4.0x 4.9x 6.4x
Digital Zoom*(p. 67)

AEL
AE Lock (p. 78)

FEL
FE Lock (p. 79)

AFL
Focus Lock (p. 76)

[]
Spot AE Point Frame (M Mode)

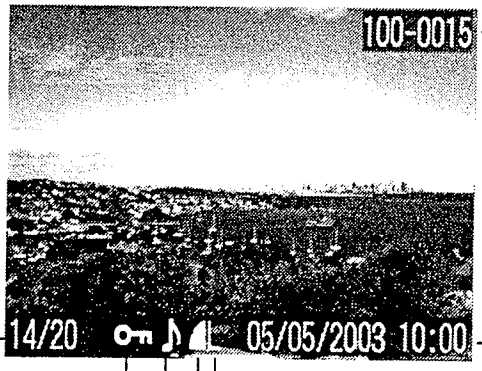
AF Frame (p. 80)

Recordable Images or
Recordable Movie Time (sec.)

* Appears regardless of the selected display mode.

Zoom powers indicate the combined optical and digital amount of zoom. These figures appear when the digital zoom is activated.

Replay Mode (Standard Display)



File Number

Image Number

Shooting Date

Protection Status (p. 112)

WAVE Format Sound (p. 104)

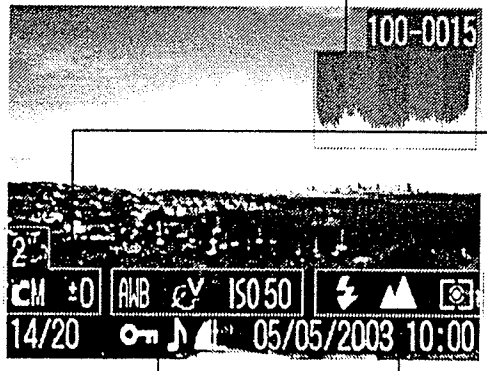
L M1 M2 S
Resolution (Still Images) (p. 61)

AVI
Movie (p. 97)

Compression (Still Images) (p. 61)

Replay Mode (Detailed Display)

Histogram



1" ··· 15"
Long Shutter Mode (p. 83)

Shooting Mode (pp. 20, 73)

-2 ··· +2
Exposure Compensation (p. 82)

AWB
White Balance (p. 85)

Photo Effect (p. 88)

ISO 50 ISO100 ISO200 ISO400
ISO Speed (p. 89)

640 320 160
Resolution (Movies) (p. 61)

Flash (p. 63)

Macro/Infinity (p. 65)

Metering Mode (p. 81)

Movie Length Shown on Movie Files (p. 71)

The following information may also be displayed with some images.

J?	A sound file in a format other than the WAVE format is attached or the file format is not recognized.
⚠	JPEG file with format not conforming to Design rule for Camera File System Standards
RAW	RAW format file
?	File with unrecognized format

The image information may not display correctly if images shot with this camera are replayed on other cameras or images from other cameras are replayed on this camera.

Histogram Function

The histogram is a graph that allows you to judge the brightness of the recorded image. The greater the bias toward the left, the darker the image. The more it trends to the right, the brighter the image. If the image is dark, adjust the exposure to a positive value. Similarly, adjust the exposure to a negative value to darken a bright image (p. 82).

Histogram Examples



Dark Image



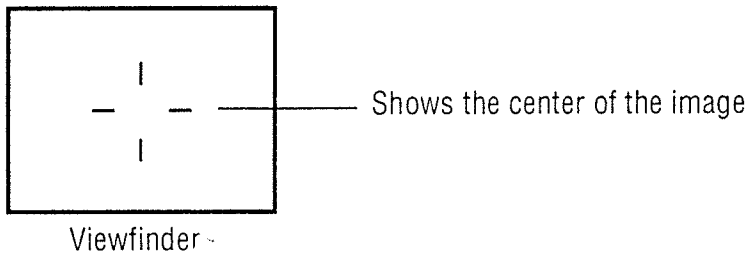
Balanced Image



Bright Image

Using the Viewfinder

The viewfinder can be used to conserve power by setting the LCD monitor to Off (p. 34) while shooting.



About the Autofocus Function

This camera employs AiAF (artificial intelligence autofocus) technology which uses a broad metering field to calculate the focal distance with high precision. It delivers a crisp focus even when the photographic subject is slightly off-center.
The AiAF function can be turned off so that the autofocus is metered from a fixed AF frame at the center of the field to accommodate difficult shooting conditions (p. 80).

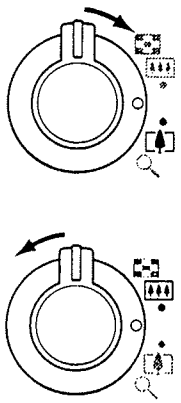
Image Seen in Viewfinder vs. Recorded Image

Usually the recorded image is wider than the image seen in the viewfinder. Confirm the actual image size with the LCD monitor.
The image recorded may differ from the image seen in the viewfinder due to the distance between the viewfinder and lens (especially with close-ups). If you use the viewfinder to take close-up shots, portions of the close-up subject may not appear in the recorded image. Use the LCD monitor when taking close-up shots.

Using the Zoom

The zoom can be adjusted from 35 mm to 70 mm in 35 mm film equivalent terms.

Telephoto/Wide Angle



Press the zoom lever toward [T] or [W].

- Press the zoom lever toward [T] to zoom in (telephoto).
- Press the zoom lever toward [W] to zoom out (wide angle).

Digital Zoom

When the LCD monitor is on, you can shoot with a combined optical and digital zoom factor of up to approximately 6.4 (p. 67).

The digital zoom is unavailable in some modes (p. 192).

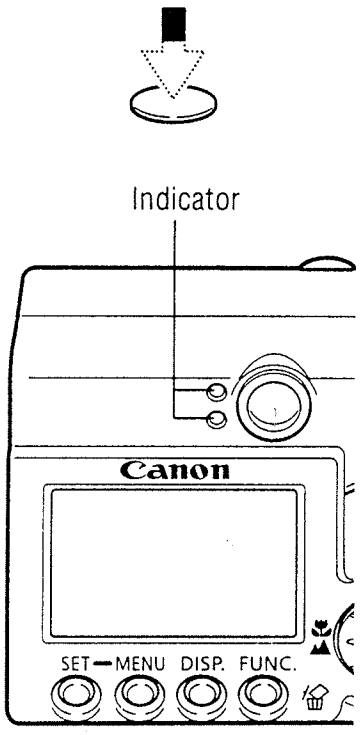
Images become coarser the more they are digitally zoomed.

Pressing the Shutter Button

The shutter button features a two-stage action.

Pressing Halfway

Pressing halfway automatically sets the exposure, focus and white balance.



Press the shutter button halfway.

●Indicator Status

Upper Indicator

- Green: Metering complete (two beeps sound)
- Orange: Flash will fire
- Blinking Orange: Camera shake warning/ Insufficient exposure

Lower Indicator

- Yellow: Macro mode/Infinity mode/Focus lock (Method 2, p. 76)
- Blinking Yellow: Focusing difficulty* (single beep sounds).

* When the indicator blinks yellow, lock the focus before shooting (p. 76).

●AF Frame Status (LCD Monitor On)

AiAF On (p. 80)

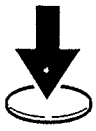
- Green Frame: Metering complete (AF frame when focus achieved)
- No Frame: Focusing difficulty

AiAF Off (p. 80) (Center AF Frame)

- Green Frame: Metering complete
- Yellow Frame: Focusing difficulty

Pressing Fully

Pressing the shutter button down fully activates the shutter and causes the shutter sound to sound.



Press the shutter button fully.

While the image is being recorded to the SD card, the indicator beside the viewfinder blinks green.

Shots cannot be taken while the flash is charging.

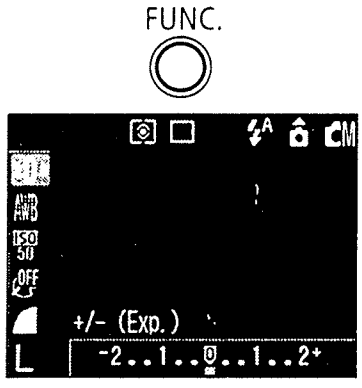
AF-assist Beam

- The AF-assist Beam will sometimes emit when the shutter button is pressed halfway to assist focusing in certain conditions, i.e., dark conditions.
- The AF-assist Beam can be turned off (p. 150).
 For example, if animals are your subject, turn off the beam when shooting in the dark to avoid startling them.
 However, please keep in mind the following facts.
 - Turning the AF-assist Beam off may make it more difficult for the camera to focus.
 - The red-eye reduction lamp may emit when the flash is set to  or even if the AF-assist Beam is turned off.

Selecting Menus and Settings

Menus are used to adjust shooting and replay settings, as well as other camera settings like the Date/Time and sounds. Menus are displayed by pressing the **FUNC.** or **MENU** button according to the circumstances. Use the LCD monitor to perform the following procedures. See *Menu Settings and Factory Defaults* (p. 50) for the menu items and options.

Selecting Menu Settings with the FUNC. Button (Shooting Mode only)

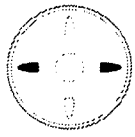


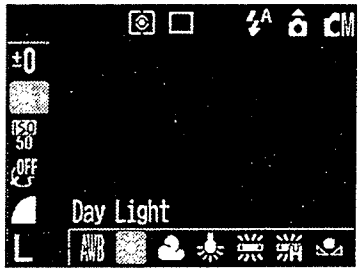
1 Press the FUNC. button.

The icons of the items that can be adjusted appear at the LCD monitor's left edge.



2 Use the ▲/▼ button to select an item.





3 Use the ◄/► button to select an option.

- The icon changes to the icon of the selected option.
- Some menu items can only be selected after pressing the **SET** button to display the next menu. Press the **SET** button again to confirm the setting.
- You can shoot right after performing these steps. The menu displays again after the shot, allowing you to change the settings easily.

FUNC.



4 Press the FUNC. button.

The menu will close.

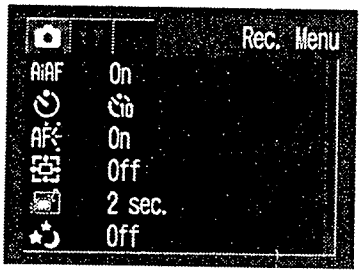
Selecting Menu Settings with the MENU Button



1 Press the MENU button.

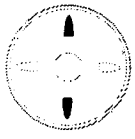
In Shooting mode, the [camera] (Rec.) menu appears.
In Replaying mode, the [play] (Play) menu appears.





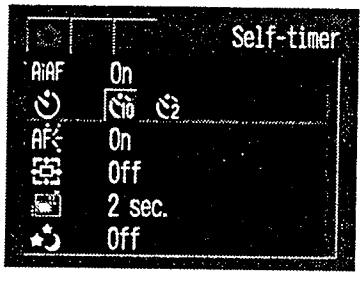
2 Use the ◄/► buttons to select the Rec./Play, Set up, or My Camera menu.

- Select the menu with the [camera] / [play], [wrench] or [person] icon in the upper left of the LCD monitor selected.
- The zoom lever lets you select the menu even if the [camera] / [play], [wrench] or [person] icon is not selected.



3 Use the ▲/▼ button to select an item.





4 Use the ◄/► button to select an option.

Some menu items can only be selected after pressing the **SET** button to display the next menu. Press the **SET** button again to confirm the setting.



5 Press the MENU button.

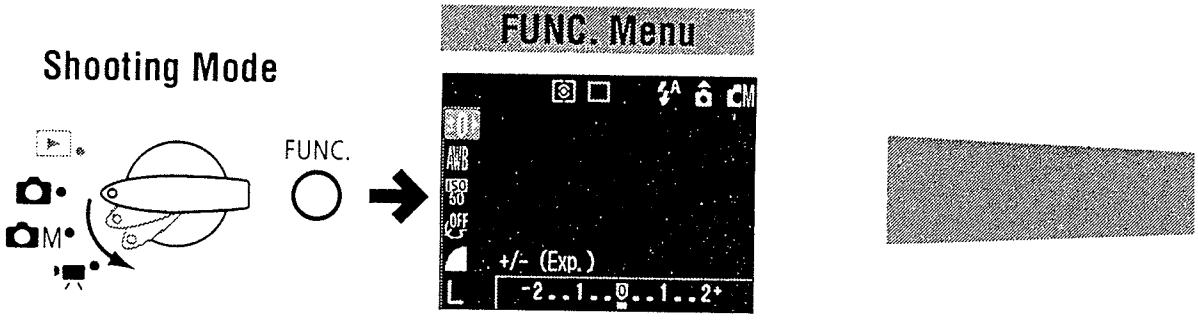
- The menu will close.
- In Shooting mode, the menu can be closed by pressing the shutter button halfway.



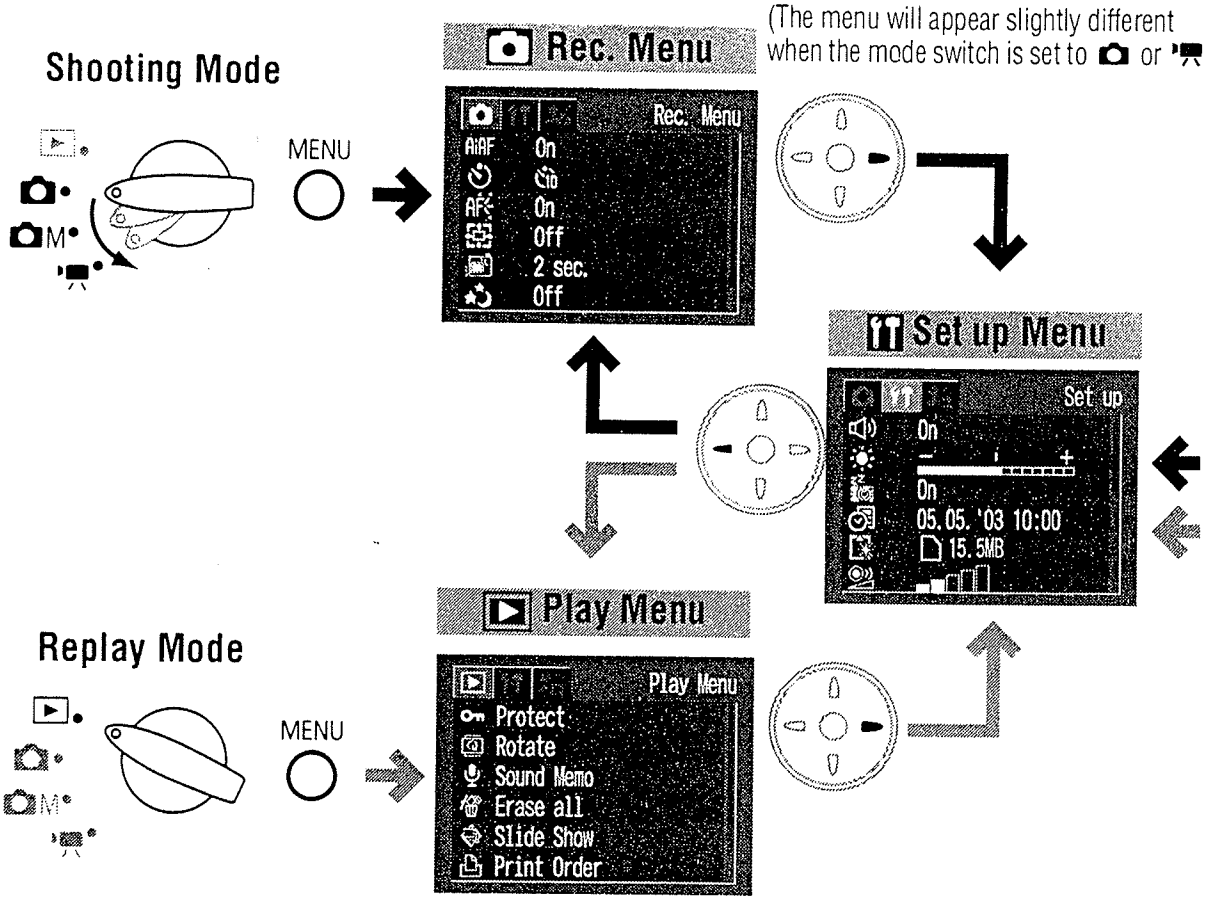
See *Print Menu Settings* (p. 118) for the procedures for the (Print Order) item in the Play menu.

Selecting Menus and Settings (Cont'd)

Selecting Menu Settings with the FUNC. Button

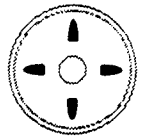


Selecting Menu Settings with the MENU Button



Selects the mode

- Switches between the Rec./ Play menu, the Set up menu and the My Camera menu
- Selects items and options

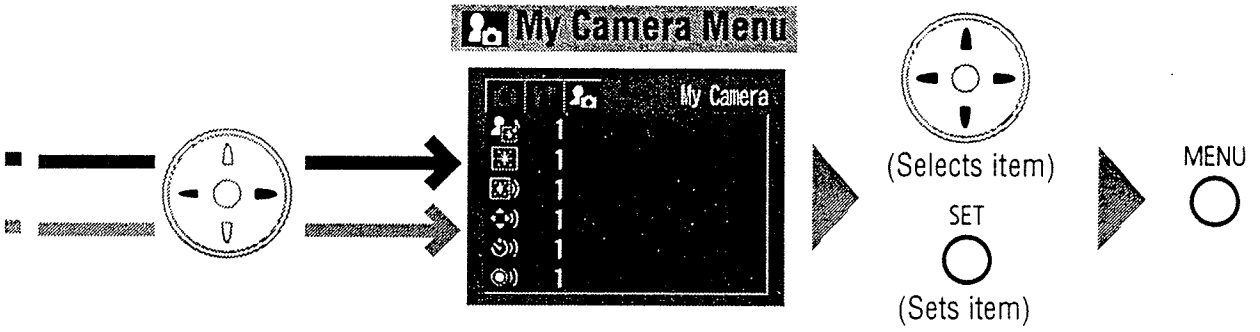


FUNC.

(Selects item, Sets item)

: Shooting Mode

: Replay Mode



- When the My camera menu is displayed, pressing the ◄ button returns to the Rec./Play menu.
- When the Rec./Play menu is displayed, pressing the ◄ button displays the My Camera menu.

FUNC. Turns the FUNC. menu on/off.

MENU Turns the menu (other than the FUNC. menu) on/off.

SET Sets items and options.

Menu Settings and Factory Defaults

This chart shows the options and default settings for each menu.

Items Set with the FUNC. Button

Menu Item	Available Settings	Reference Page
Exposure Compensation	-2 to ±0* to +2	p. 82
Long Shutter	1* to 15 seconds	p. 83
White Balance	AWB Auto*/ Daylight/ Cloudy/ Tungsten/ Fluorescent/ Fluorescent H/ Custom	p. 85
ISO Speed	Auto/50*/100/200/400	p. 89
Photo Effect	Effect Off*/ Vivid/ Neutral/ Low Sharpening/ Sepia/ BW	p. 88
Compression (Still images)	Superfine/ Fine*/ Normal	p. 61
Resolution (Still images)	L 2048 x 1536*/ M1 1600 x 1200/ M2 1024 x 768/ S 640 x 480	p. 61
Resolution (Movie)	640 640 x 480/ 320 320 x 240*/ 160 160 x 120	

Items Set with the MENU Button

Menu Item		Available Settings	Reference Page
Rec. Menu	AiAF AiAF	On*/Off	p. 80
	Self-Timer	10*/2	p. 69
	AF-assist Beam	On*/Off	p. 43 p. 150
	Digital Zoom	On/Off*	p. 67
	Image Review	Off or 2* to 10 sec.	p. 60
	Long Shutter	On/Off*	p. 83
	Stitch Assist	Images are shot in overlapping series to create single panoramic images.	p. 73

Menu Item		Available Settings	Reference Page
Play Menu	Protect	Turns image protection On/Off.	p. 112
	Rotate	Rotates the image in the display.	p. 102
	Sound Memo	Adds a sound memo to the image in the display.	p. 104
	Erase all	Erases all images on the SD card.	p. 114
	Slide Show	Replays selected images in a slide show.	p. 107
	Print Order	Sets the print settings.	p. 131
	Transfer Order	Sets the transfer settings.	p. 140
Set up Menu	Beep	On*/Off	p. 154
	LCD Brightness	-7 to 0* to +7	p. 154
	Auto Power Down	On*/Off	p. 33
	Date/Time	Sets the date and time.	p. 28
	Format	Formats (initializes) the SD card.	p. 115
	Shutter Volume	Off/1/2*/3/4/5	p. 155
	Playback Vol.	Off/1/2*/3/4/5	p. 155
	Start-up Vol.	Off/1/2*/3/4/5	p. 155
	Operation Vol.	Off/1/2*/3/4/5	p. 156
	Selftimer Vol.	Off/1/2*/3/4/5	p. 156
	File No. Reset	On/Off*	p. 91
	Auto Rotate	On*/Off	p. 90
	Language	English* /Deutsch / Français / Nederlands / Dansk / Suomi / Italiano / Norsk / Svenska / Español / Chinese / Japanese	p. 30
	Video System	NTSC/PAL	p. 146

Menu Item		Available Settings	Reference Page
My Camera Menu	Theme	×/1*/2/3	p. 53
	Start-up Image	×/1*/2/3	p. 53
	Start-up Sound	×/1*/2/3	p. 53
	Operation Sound	×/1*/2/3	p. 53
	Selftimer Volume	×/1*/2/3	p. 53
	Shutter Sound	×/1*/2/3	p. 53

* Default setting. Default video system setting varies between regions.

- Some menu items are not available in certain shooting modes.
- You can apply a desired image and sound to 2 and 3 in the My Camera menu. For details, see *Registering My Camera Settings* or the *Software Starter Guide*.
- With the exception of the [Date/Time], [Language] and [Video System] settings, all the other menu settings and changes made with the camera buttons can be reset to the default values in a single operation (p. 161).

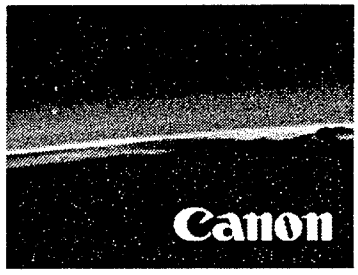
Customizing the Camera (My Camera Settings)

My Camera allows you to customize the start-up image and start-up, shutter, operation and self-timer sounds. Each menu item has three choices.

Example: Start-up Image



1



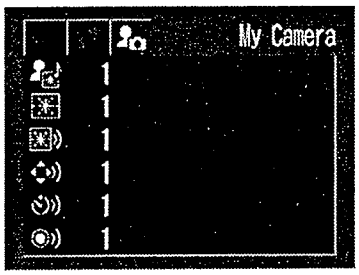
2



3

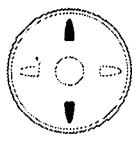
The 2 option features science fiction related images and sounds. The 3 option features animals.

Changing My Camera Settings

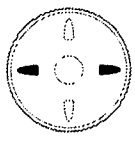


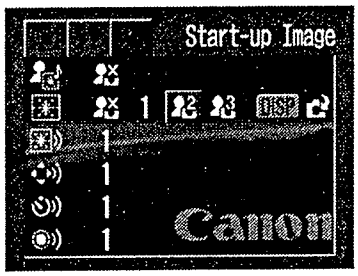
1 Select the (My Camera) menu.

See *Selecting Menus and Settings* (p. 44).



2 Use the ▲/▼ button to select an item.





3 Use the ◄/► button to select an option.



4 Press the MENU button.

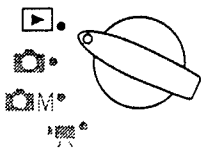
- The menu will close.
- In Shooting mode, the menu can be closed by pressing the shutter button halfway.

- If you select (Theme) in Step 2, you can select a consistent theme for each of the My Camera settings.
- If the Beep option in the (Set up) menu is set to [On], the beep sounds even if each sound item is individually set to (Off) in the My Camera menu (p. 160).

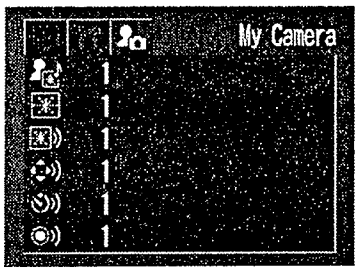
Registering My Camera Settings

Images recorded onto the SD card and newly recorded sounds can be added as My Camera settings to the 2 and 3 menu items. You can also use the supplied software to upload your computer's images and sounds to the camera.

Registering SD Card Images and Sounds

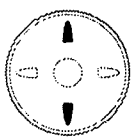


1 **Turn the mode switch to ▶ (Replay).**

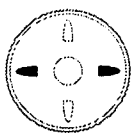


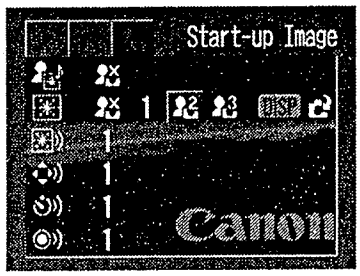
2 **Select the 1 (My Camera) menu.**

See *Selecting Menus and Settings* (p. 44).



3 **Use the ▲/▼ button to select an item.**



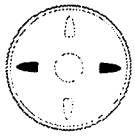


4 **Use the ◄/► button to select 2 or 3.**

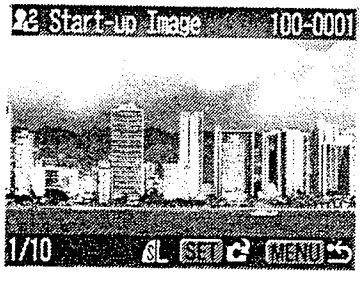
The DISP 2 icon will display.

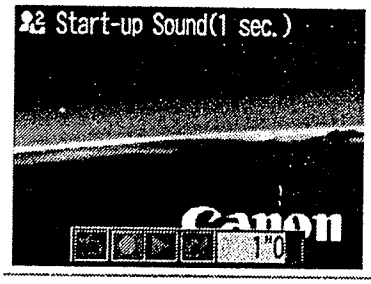


5 **Press the DISP. button.**



SET





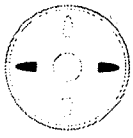
6 Select an image or record a sound.

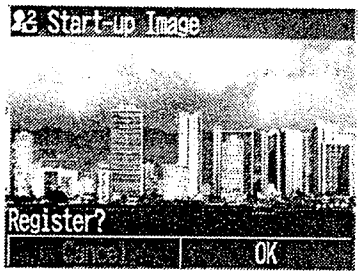
Start-up Image

Use the ◄/► button to select the image you wish to register and press the **SET** button.

Start-up, Operation, Self-timer and Shutter Sounds

- Use the ◄/► button to select and press the **SET** button. Recording will start and automatically stop when the time is exceeded.
- After recording, use the ◄/► button to select and press the **SET** button.
- Select to return to the My Camera Menu without registering.
- Select to play the recorded sound.





SET

7 Use the ◄/► button to select [OK] and press the SET button.

To cancel the change, select [Cancel].

- Sounds recorded with the movie and sound memo functions cannot be added as My Camera settings.
- The prior setting is erased when a new My Camera setting is added.

File Format of My Camera Settings

My Camera settings should conform to the below file formats. However, SD card images shot with this camera can be registered as My Camera settings regardless of the below formats.

Start-up Image

- Recording Format: JPEG (Baseline JPEG)
- Sampling Rate: 4:2:0 or 4:2:2
- Dimensions: 320 x 240 pixels
- File Size: 20 KB or less

Start-up, Operation, Self-timer and Shutter Sounds

- Recording format: WAVE (monaural)
- Quantization Bits: 8 bit
- Sampling Frequency: 11.025 kHz or 8.000 kHz
- Recorded Length

	11.025 kHz	8,000 kHz
Start-up Sound	1.0 sec. or less	1.3 sec. or less
Operation Sound	0.3 sec. or less	0.4 sec. or less
Selftimer Sound	2.0 sec. or less	2.0 sec. or less
Shutter Sound	0.3 sec. or less	0.4 sec. or less

* Any file formats other than those described above cannot be used with this camera.

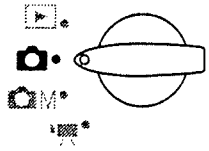
An example of this function is to record "Say Cheese" as a self-timer sound so that the camera will replay this sound 2 seconds before the photo is taken. You could also record cheerful music to bring out the natural smiles of your subjects, or so they can strike a pose fitting the music. In these ways you can customize your camera by creating and adding new My Camera settings.



See the supplied *Software Starter Guide* for more information on creating and adding to the My Camera files.

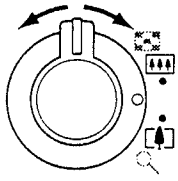
Shooting in Auto Mode

In this mode, all you have to do is press the shutter button and let the camera do everything else.

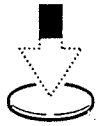


1 Turn the mode switch to (Auto).

2 Aim the camera at the subject.

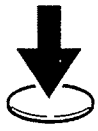


3 Use the zoom lever to achieve the desired composition (relative subject size in the viewfinder) (p. 41).



4 Press the shutter button halfway (p. 42).

- Two beeps will sound when the camera has finished metering, and the upper indicator beside the viewfinder will light green or orange. If the LCD monitor is on, the AF frame will appear green.
- If the subject is difficult to focus on, the lower indicator beside the viewfinder will blink yellow and the beep will sound one time.



5 Press the shutter button fully (p. 43).

- You will hear the sound of the shutter when the shutter activates.
- The picture appears for two seconds on the LCD monitor.

- See *Functions Available in Each Shooting Mode* (p. 192).
- With the Review function, you can change the length of time images show on the LCD monitor after shooting, or set it so they do not show at all (p. 60).

Conventions Used in the Text

Icons on the right end of title bars show the applicable operating modes. As in the example below, the procedure can be performed in (Auto), M (Manual), M (Manual/Stitch assist) or (Movie) mode.

Using the Self-timer

Reviewing an Image Right after Shooting

Right after a shot is taken, the image appears in the LCD monitor for 2 seconds even if you release the shutter button regardless of whether the LCD monitor is on or off.

You can also review it with the following procedures.

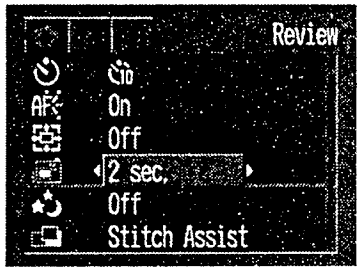
- By keeping the shutter button pressed after a shot.
- By pressing the **SET** button while the image is displayed on the LCD monitor.

Press the shutter button halfway to stop displaying it so that you can shoot the next frame.

You can do the following while the image is displayed.
- Check the image brightness in the histogram (p. 39).
- Erase the image (p. 113).
- Magnify the image in the display (p. 94).

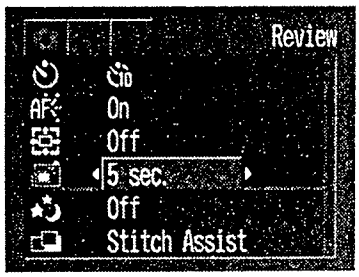
Changing the Review Duration

The default review time is 2 seconds. The review function can be set to [Off] or changed to any time in the range of 2 to 10 seconds in one-second increments.



1 In the [Rec.] menu, select [Review].

See *Selecting Menus and Settings* (p. 44).



2 Use the ◄/► button to select review setting and press the MENU button.

- With the [Off] option, the image will not automatically display.
- In the [2 sec.] to [10 sec.] range, the image will continue to display for the specified time even if the shutter button is released.
- Holding the shutter button down after a shot holds the image in the display regardless of the setting.

Changing Resolution/Compression Settings

You can change the resolution and compression (excluding movies) settings to suit the purpose of the image you are about to shoot.

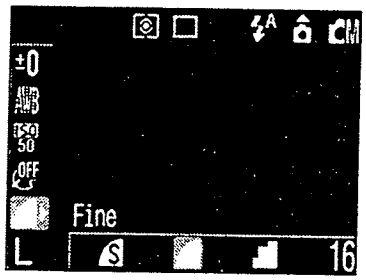
Resolution		Purpose
L (Large) 2048 x 1536 pixels	Large ↕ Small	• Print up to A4 size* 210 x 297 mm (8.3 x 11.7 in.) prints • Print up to Letter size* 216 x 279 mm (8.5 x 11 in.) prints
M1 (Medium 1) 1600 x 1200 pixels		• Print postcard size 148 x 100 mm (6 x 4 in.) prints • Print L-size 119 x 89 mm (4.7 x 3.5 in.) prints
M2 (Medium 2) 1024 x 768 pixels		• Print card size 86 x 54 mm (3.4 x 2.1 in.) prints
S (Small) 640 x 480 pixels		• Send images as e-mail attachments • Shoot more images

* Paper sizes vary according to region.

Compression			Purpose
S	Superfine	High Quality ↕ Normal	• Shoot higher quality images
	Fine		• Shoot normal quality images
	Normal		• Shoot more images

Movies can be shot with the following resolution.

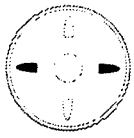
Resolution	
640	640 x 480 pixels
320	320 x 240 pixels
160	160 x 120 pixels



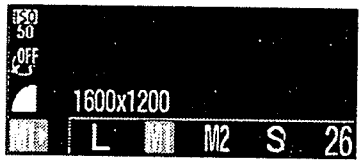
1 In the FUNC. menu, select L * or ◪ *.

See *Selecting Menus and Settings* (p. 44).

* The current setting is displayed.









2 Use the ◄/► button to select an option.

Compression (Excluding Movies)

Select S, ◪ or ◪.

Resolution (Still Images)

Select L, M1, M2 or S.

Resolution (Movies)

Select 640, 320 or 160.

You can shoot right after selecting an option. The menu displays again after the shot, allowing you to change the settings easily.

FUNC.



3 Press the FUNC. button.

The display will return to the Rec. screen.

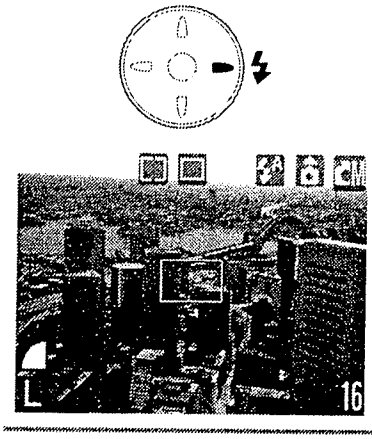
- See *Functions Available in Each Shooting Mode* (p. 192).
- See *Image File Sizes (Estimated)* (p. 177).
- See *SD Cards and Estimated Capacities* (p. 176).

Using the Flash

	Auto	The flash fires automatically as required by the light level.
	Red-Eye Reduction Auto	The red-eye reduction lamp fires with each shot, automatically adjusting the intensity to suit lighting levels.
	Flash On	The flash fires with every shot.
	Flash Off	The flash will not fire.
	Slow-Synchro	The flash timing is adjusted to slow shutter speeds. This reduces the chance that the background will be dark when shots are taken at night or in rooms with artificial lighting. The red-eye reduction lamp fires with each shot. Use of a tripod is recommended.

	○	○	–
	○	○	–
	–	○	△
	○	○	△
	–	○	△

○ Setting available
△ Can be selected for the first image only.



1 Press the ϟ button to switch between flash modes.

The selected flash mode appears on the LCD monitor.

- When you use flash photography at higher ISO speeds, the chances of white streaks appearing in the image increase the closer you approach to the subject.
- Since a slow shutter speed is selected in dark places when the flash is set to Off or Slow-Synchro, take care to avoid blurring the image.
 - Shooting in Mode
 Be careful to hold the camera still to avoid camera shake.
 - Shooting in M, M Mode
 Fix the camera to a tripod to shoot in these modes since the shutter speed will be slower than in the mode. If an image is dark in mode, reshooting it in M mode will make it brighter.

- The flash can be fired when the upper indicator beside the viewfinder lights a steady orange after pressing the shutter button halfway.
- The flash may take up to approximately 10 seconds to charge. The recharging time will vary with such factors as the shooting conditions and battery charge. Shots cannot be taken while the flash is charging.
- The flash fires twice. The main flash follows a preparatory pre-flash. The exposure reading obtained from the subject with the pre-flash is used to set the optimal flash intensity for the main flash, which is used to capture the image.

Red-Eye Reduction

- Light reflecting back from eyes can make them appear red when the flash is used in dark areas. Under these conditions, use the red-eye reduction mode. For this mode to be effective, the subject must be looking right at the red-eye reduction lamp. Try asking them to look directly at the lamp. Even better results can be obtained by shooting with the lens set to a wide angle, increasing the lighting in indoor settings or approaching closer to the subject.
- The shutter will not activate for approximately 1 second after the red-eye reduction lamp fires in order to improve the effect. If you want a more immediate shutter response, set the flash to , or .

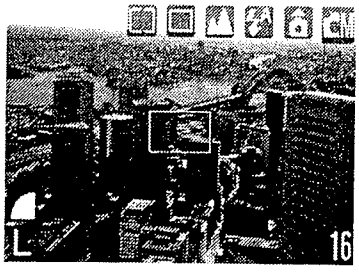
/ Shooting Close-Ups/Infinity Shots

	Macro	Use this mode to record subjects in the range of 10 to 47 cm (3.9 in. to 1.5 ft.) from the lens tip when at wide-angle end and in the range of 23 to 47 cm (9.0 in. to 1.5 ft.) when at the telephoto end setting.
	Infinity	Use this mode to record landscapes and distant objects. It can also be used for compositions combining both near and distant objects.

	○	○	△	○
	–	○	△	○

○ Setting available
△ Can be selected for the first image only.





1 Press the /▲ button to select the macro/infinity mode.

The selected macro/infinity mode appears on the LCD monitor.

To cancel the macro/infinity mode

Press the /▲ button to remove or from the display.

- Use the LCD monitor to compose close-ups in macro mode since images composed with the viewfinder may be off-center (p. 40).
- The exposure may not be optimal when the flash is used in macro mode in the range of 10 to 27 cm (3.9 to 10.6 in.).

Image Area in Macro Mode

When the zoom is set between the telephoto end and the wide-angle end, the distance from lens to subject is the same as when the zoom is set to the telephoto end.

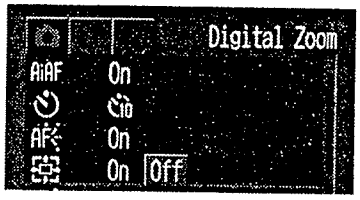
	Distance from Lens to Subject	Image Area
Telephoto End	23 cm (9 in.)	115 x 86 mm (4.5 x 3.4 in.)
Wide-Angle End	10 cm (3.9 in.)	100 x 75 mm (3.9 x 3.0 in.)

Using the Digital Zoom

When the LCD monitor is on, images can be zoomed to approximately 2.6, 3.2, 4.0, 4.9 or 6.4 times with the combined optical and digital zoom functions.

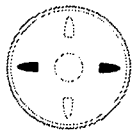


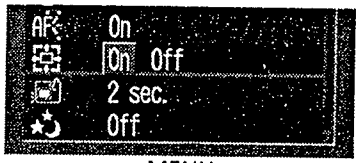
1 Press the DISP. button to turn the LCD monitor on.

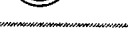


2 In the [Rec.] (Rec.) menu, select [Digital Zoom].

See *Selecting Menus and Settings* (p. 44).

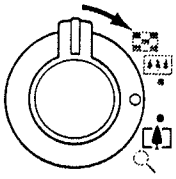






3 Use the ◄/► button to select [On] and press the MENU button.

The display will return to the Rec. screen.





4 Press the zoom lever toward [T].

- The combined optical and digital zoom factor appears in the upper right of the LCD monitor.
- When you press the zoom lever toward [T], the zoom stops when the lens reaches the maximum optical telephoto setting. Press the zoom lever toward [T] again to activate the digital zoom and further zoom the image digitally.
- Press the zoom lever toward [W] to zoom out.

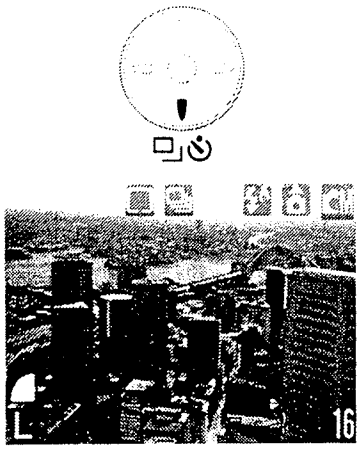
The digital zoom cannot be used when the LCD monitor is turned off.

Images become coarser the more they are digitally zoomed.

Continuous Shooting

In this mode, the camera shoots continuously at approximately 2.2 images per second* (Large/Fine, LCD monitor off) while the shutter button is held down. Recording ceases when the shutter button is released.

* This figure reflects standard shooting criteria established by Canon. Actual figures may vary according to the subject and shooting conditions.



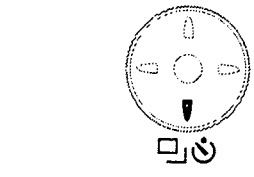
1 **Press the ⧉/⏲ button to display ⧉.**

To cancel the continuous shooting

Press the ⧉/⏲ button to display ▣.

- The interval between shots may lengthen slightly when the camera's built-in memory fills.
- If the flash is firing, the interval between shots will lengthen to accommodate the flash's charging requirements.

Using the Self-timer





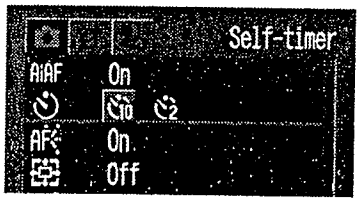
1 Press the ▣/⏲ button to display ⏲10 or ⏲2.

- When the shutter button is pressed fully, the self-timer will activate and the self-timer lamp will blink.
- When the self-timer is set to ⏲10 (⏲2), the shutter activates 10 (2) seconds after the shutter button is pressed fully.

To cancel the self-timer

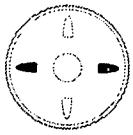
Press the ▣/⏲ button to display ▣.

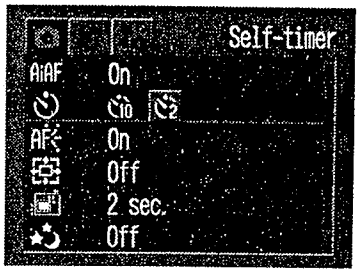
Changing the Self-timer Countdown Time



1 In the 📷 (Rec.) menu, select ⏲.

See *Selecting Menus and Settings* (p. 44).





MENU



2 Use the ◄/► button to select ⏲10 (10 sec.) or ⏲2 (2 sec.) and press the MENU button.

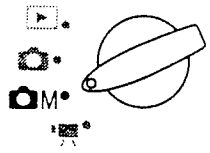
- The display will return to the Rec. screen.
- When ⏲10 is selected, the self-timer sounds and the blinking gets faster 2 seconds before the shutter activates.
- When ⏲2 is selected, the self-timer sounds at the same time as the shutter button is pressed. The shutter activates in 2 seconds.



The self-timer sound can be changed with the Selftimer Sound item in the 🔧 (My Camera) menu (p. 159).

Shooting in Manual Mode

In this mode, you can change various settings and shoot as you wish.



1 Turn the mode switch to M (Manual).

2 Change the settings.

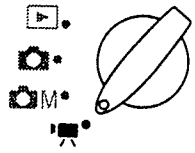
See *Functions Available in Each Shooting Mode* (p. 192).

3 Shoot (p. 58).

If the subject is difficult to focus on when the shutter button is pressed halfway, the beep will sound one time and the lower indicator beside the viewfinder will blink yellow. The AF frame will also appear yellow. (If the AiAF option is set to [On] (p. 80), the AF frame will not appear.)

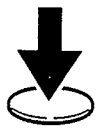
Shooting a Movie

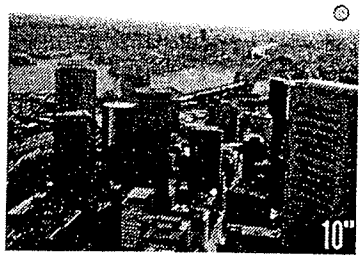
Select a resolution in the FUNC. menu from the 640 (640 x 480), 320 (320 x 240, Default) and 160 (160 x 120) options (p. 61).



1 Turn the mode switch to (Movie).

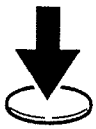
The LCD monitor turns on and displays the maximum recording time (in seconds).





2 Press the shutter button fully.

- Shooting and sound recording starts simultaneously.
- During shooting the recording time (in seconds) and a red circle appear on the LCD monitor.



3 Press the shutter button fully again to stop recording.

The maximum length of a movie clip (at approximately 15 frames/sec.) is approximately 30 sec*. (640), 3 min. (320) or 3 min. (160) (According to Canon's standardized tests).

* When using the separately sold SDC-128M SD card (not sold in some regions). When using the SD card supplied with the camera, the maximum length is approximately 13 sec.

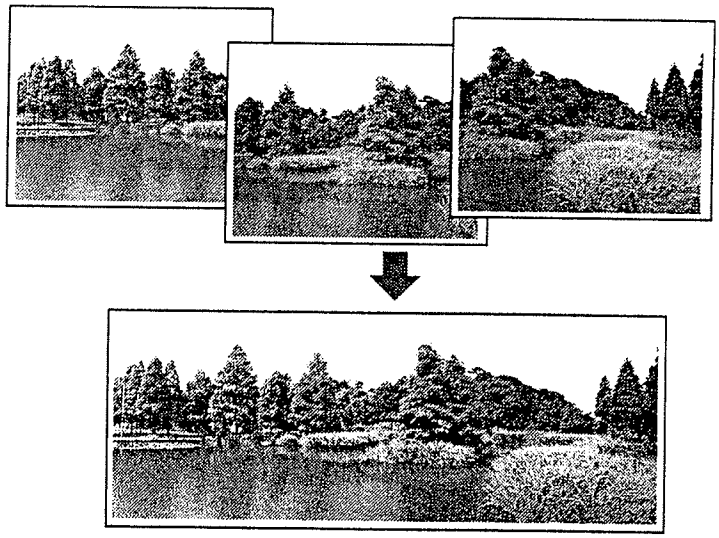
These times may vary with the subject and shooting conditions. Recording will automatically stop when the maximum is reached or when the SD card runs out of free capacity.

- Although the recording time may not display properly during shooting, the movie will be recorded correctly.
- Filming may stop unexpectedly with certain types of SD cards (slow-recording cards, cards formatted on a different camera or a computer, or cards which have had images recorded and erased repeatedly).
- You are recommended to use an SD card that has been formatted in your camera to shoot movies (p. 115). The card supplied with the camera may be used without further formatting. When shooting movies at 640 (640 x 480), you are recommended to use the separately sold SDC-128M SD card (not sold in some regions).
- Be careful not to touch the microphone while recording.
- The AE, AF, white balance and zoom settings remain fixed for subsequent frames at the values selected for the first frame.
- After a clip is shot, the upper indicator beside the viewfinder will blink green while the clip is being written to the SD card. You cannot shoot again until the blinking stops.

- See *Functions Available in Each Shooting Mode* (p. 192).
- Sound is recorded monaurally.
- The shutter sound will not sound when you fully press the shutter button to record a movie clip.
- QuickTime 3.0 or later is required to replay movie files (AVI/Motion JPEG) on a computer. QuickTime (for Windows) is included on the Canon Digital Camera Solution Disk. On the Macintosh platform, this program is generally bundled with Mac OS 8.5 or later operating systems.

Shooting in Stitch Assist

Stitch Assist can be used to shoot overlapping images that can later be merged (stitched) to create one panoramic image on a computer.

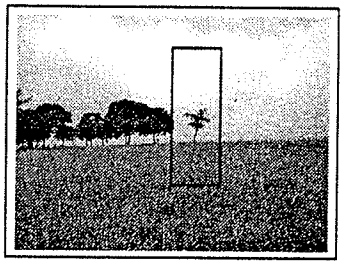


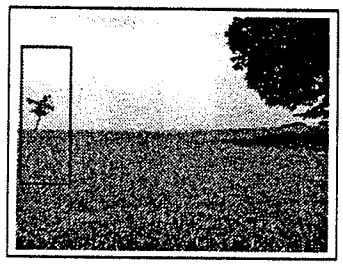
The overlapping seams of several adjacent images can be joined into a single panoramic image.

To merge the images on a computer, use PhotoStitch, one of the supplied programs.

Framing a Subject

The PhotoStitch program detects the overlapping portions of adjoining images and merges them. When shooting, try to include a distinctive item (landmark) in the overlapping portions.





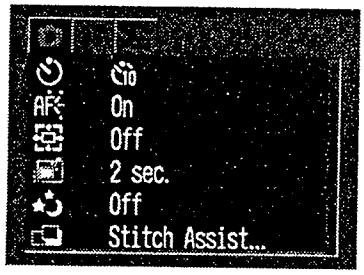
- Compose each frame so that it overlaps 30 - 50% of the adjoining image. Try to keep the vertical misalignment to less than 10% of the image height.
- Do not include moving items in the overlap.
- Do not try to stitch images that include both distant and close items. These items may appear warped or doubled up in the merged image.
- Make the brightness in each image consistent. The final image will appear unnatural if the contrast in brightness is too great.
- To shoot landscapes, swivel (pan) the camera around its own vertical axis.

- To shoot close-ups, slide the camera over the subject, keeping it parallel to the subject as you move it.

Shooting

Images can be shot in two sequences in Stitch Assist.

	Left to right horizontally
	Right to left horizontally

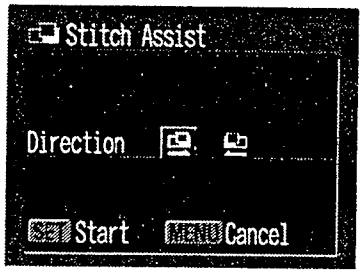


SET

1 In the [●] (Rec.) menu, select and press the SET button.

See *Selecting Menus and Settings* (p. 44).

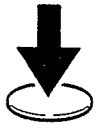




SET

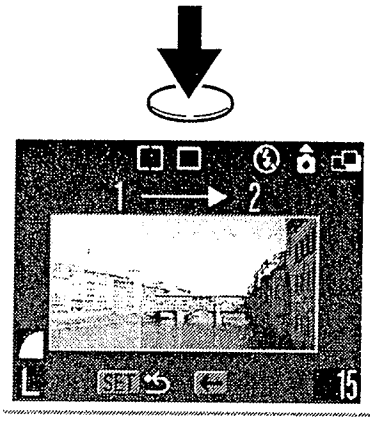
2 Use the ◄/► button to select the sequence direction and press the SET button.

Pressing the **MENU** button returns to the Rec. menu screen.



3 Shoot the first frame in the sequence.

The exposure and white balance are set and locked with the first image.



4 Compose the second image so that it overlaps a portion of the first and shoot.

- Use the ◄/► button to check or retake the recorded images.
- Minor discrepancies in the overlapping portions can be corrected when the images are stitched together.

5 Repeat the procedure for additional images.

A sequence may contain up to 26 images.



6 Press the SET button after the last shot.

Pressing the **MENU** button returns to the Rec. menu screen.

- A custom white balance setting cannot be set in Stitch Assist. To use a custom white balance setting, set it before selecting in the Rec. menu (p. 86).
- The settings for the first image are used to take subsequent images in the sequence.
- It is not possible to display images on the TV when shooting in Stitch Assist.

See *Functions Available in Each Shooting Mode* (p. 192).

Locking the Focus (AF Lock)

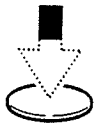
It may be difficult to focus on the following types of subjects. Use the focus lock in these situations.

- Subjects with extremely low contrast to the surroundings
- Subjects with extremely bright objects at the center of the composition
- Subjects that are moving quickly
- Subjects through glass:
 Try to shoot as close to the glass as possible to reduce the chances of light reflecting back off the glass.

Shooting with the Focus Lock

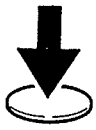
Method 1

1 Aim the camera so that an object at the same focal distance as the main subject is centered in the AF frame in the viewfinder or LCD monitor.



2 Press the shutter button halfway and wait until two beeps sound.

The focal distance to the object is locked.



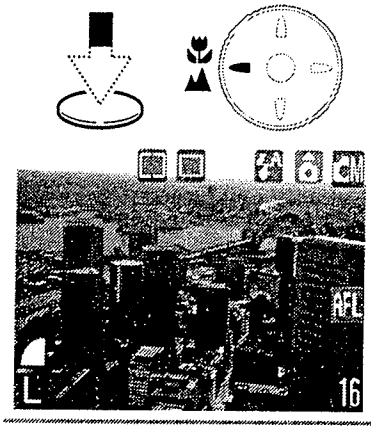
3 Re-aim the camera to compose the shot as desired and press the shutter button fully.

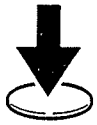
Method 2



1 Press the DISP. button to turn the LCD monitor on.

2 Aim the camera so that an object at the same focal distance as the main subject is centered in the AF frame.





3 **Press and hold the shutter button halfway until two beeps sound. Without releasing your finger, press the ✿/▲ button.**

- The focal distance to the object is locked.
- The AFL icon will display and the lower indicator beside the viewfinder will light yellow.

4 **Re-aim the camera to compose the shot as desired and press the shutter button fully.**

To release the focus lock

Press the ✿/▲ button.

- The focus lock method 1 can be used in any shooting mode.
- When shooting with the focus lock using the LCD monitor, setting the AiAF to Off (p. 80) is recommended since the camera focuses using the center AF frame only.
- Method 2 is convenient because you can let go of the shutter button to recompose the image. Moreover, the focus remains locked after the picture is taken, allowing you to capture a second image with the same focus.
- In Method 2, pressing the zoom lever, **MENU** button or **DISP.** button, or changing the shooting mode also releases the focus lock.

Locking the Exposure Setting (AE Lock) M

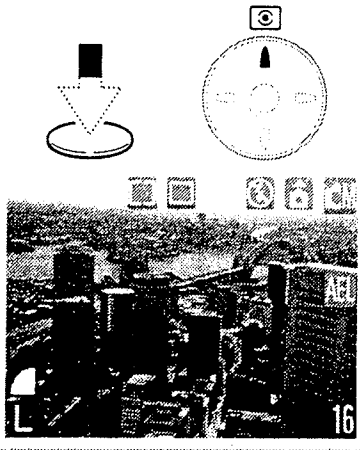
You can set the exposure and focus separately. This is effective when the contrast is too strong between the subject and background or when a subject is backlit.

You must set the flash to ⊘. The AE lock cannot be set if the flash fires.



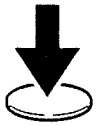
1 Press the DISP. button to turn the LCD monitor on.

2 Focus on the part of the subject on which you wish to lock the exposure setting.



3 Press and hold the shutter button halfway until two beeps sound. Without releasing your finger, press the ⊙ button.

- The exposure setting is locked.
- The AEL icon will display.



4 Re-aim the camera to compose the shot as desired and press the shutter button fully.

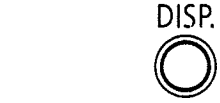
To release the AE lock

Press the ⊙ button.

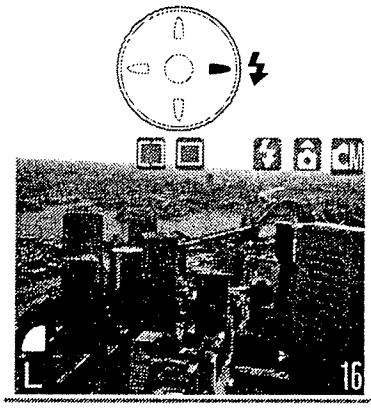
The AE lock may release if you press any button other than the ⊙ button.

Locking the Flash Exposure Setting (FE Lock) [M]

You can lock the flash exposure so that the exposure settings are correctly set for a particular portion of your subject.

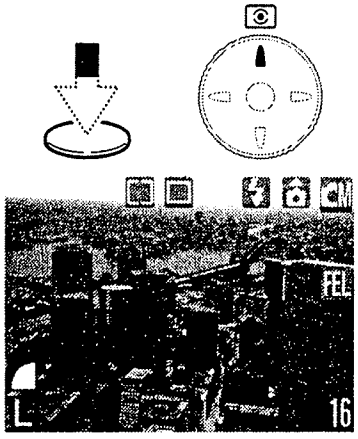


1 **Press the DISP. button to turn the LCD monitor on.**



2 **Press the ↯ button to set the flash to ↯.**

3 **Focus on the part of the subject on which you wish to lock the flash exposure setting.**



4 **Press and hold the shutter button halfway until two beeps sound. Without releasing your finger, press the ⊙ button.**

- The flash will fire a pre-flash and lock the flash exposure to the required intensity to illuminate the subject.
- The FEL icon will display.



5 **Re-aim the camera to compose the shot as desired and press the shutter button fully.**

To release the FE lock

Press the ⊙ button.

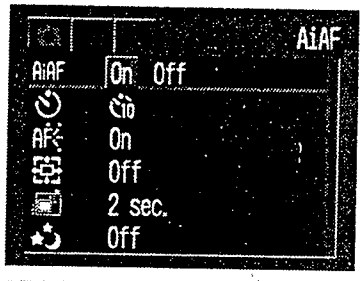
The FE lock may release if you press any button other than the ⊙ button.

Switching between Autofocus Modes

Although the autofocus function is preset to the AiAF setting (nine AF frames), you can set it to the center AF frame.
When center AF frame is selected, the AF frame will appear in the LCD monitor if it is turned on (p. 34).

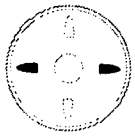
No frame	On	The camera detects the subject and highlights the AF frames, from 9 available points, that it will use to determine the focus.
□	Off	The camera focuses using the center AF frame. This is convenient for focusing on a specific part of a subject with greater certainty.

The □ symbol represents the AF frames as they appear in the LCD monitor.



1 In the [camera] (Rec.) menu, select AiAF.

See *Selecting Menus and Settings* (p. 44).



2 Use the ◄/► button to select [On] or [Off].

You can shoot right after selecting an option.



3 Press the MENU button.

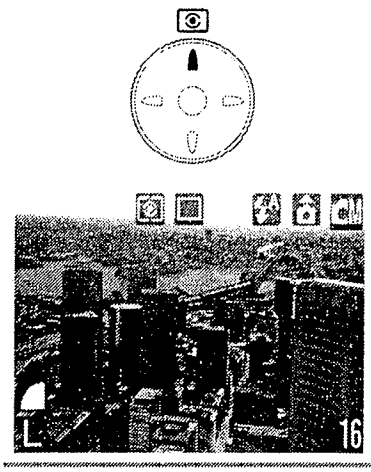
The display will return to the Rec. screen.

The center AF frame mode is used when the digital zoom is activated.

Switching between Light Metering Modes

You can switch between metering modes to shoot.

	Evaluative Light Metering	Appropriate for standard shooting conditions, including backlit scenes. The camera divides images into several zones for light metering. It evaluates complex lighting conditions, such as the position of the subject, the brightness, the direct light, and the backlighting, and adjusts the settings to the correct exposure for the main subject.
	Center-Weighted Averaging	Averages the light metered from the entire frame, but gives greater weight to the subject matter at the center.
	Spot AE Point	Meters the area within the spot AE point at the center of the LCD monitor. Use this mode when the subject is backlit or surrounded by strong light.

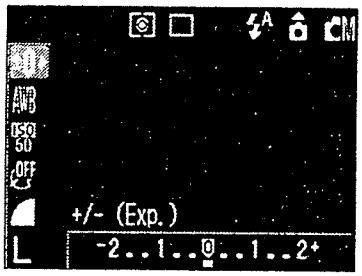


1 Press the button to switch between metering modes.

The selected metering mode appears on the LCD monitor.

Adjusting the Exposure Compensation

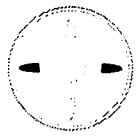
Adjust the exposure compensation setting to avoid making the subject too dark when it is backlit or shot against a bright background or to avoid making lights appear too bright in night shots.



1 In the FUNC. menu, select ±0 *.

See *Selecting Menus and Settings* (p. 44).

* The current setting is displayed.



2 Use the ◄/► button to adjust the exposure compensation.

- The settings can be adjusted in 1/3 steps in the range -2 to +2.
- You can confirm the effect of the setting in the LCD monitor when it is on.
- You can shoot right after selecting an option. The menu displays again after the shot, allowing you to change the settings easily.



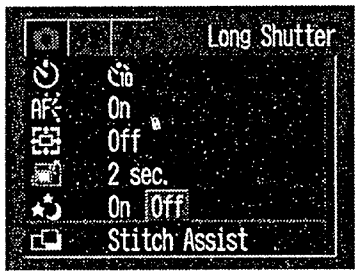
3 Press the FUNC. button.

To reset the exposure compensation

Return the setting to 0.

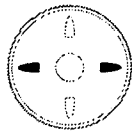
Shooting in Long Shutter Mode

You can set the shutter speed to a slow setting to make dark subjects appear brighter.



1 In the (Rec.) menu, select .

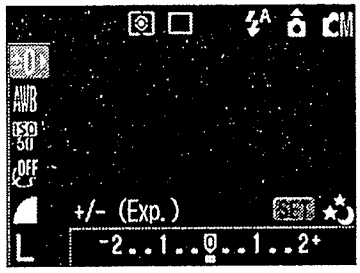
See *Selecting Menus and Settings* (p. 44).



MENU

2 Use the ◄/► button to select [On] and press the MENU button.

The display will return to the Rec. screen.



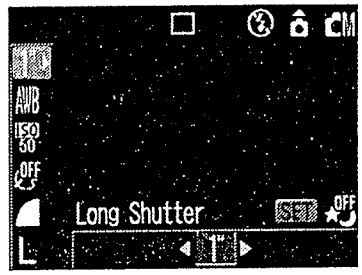
SET

3 In the FUNC. menu, select ±0 * and press the SET button.

See *Selecting Menus and Settings* (p. 44).

* The current setting is displayed.





4 Use the ◄/► button to select a shutter speed.

- The higher the value, the brighter the image and the lower the value, the darker the image.
- You can shoot right after selecting a value. The menu displays again after the shot, allowing you to change the settings easily.

FUNC.

5 Press the FUNC. button.

To cancel the long shutter mode

While [Long Shutter] is displayed in the FUNC. menu, press the **SET** button.

The nature of CCD image sensors is such that noise in the recorded image increases at long shutter speeds. This camera, however, applies special processing to images shot at shutter speeds slower than 1.3 seconds to eliminate the noise, thereby producing high-quality images. Nevertheless, a certain amount of processing time may be required before the next image can be shot.

- Please note that camera shake becomes a factor at low shutter speeds. If the camera shake warning appears on the LCD monitor, secure the camera to a tripod before shooting.
- Use the LCD monitor to confirm that the image was recorded at the desired brightness.
- Use of the flash may result in an over-exposed image. If that occurs, shoot with the flash set to .
- The following are unavailable:
 - Exposure Compensation
 - Light Metering
 - AE Lock
 - FE Lock
 - ISO speed [AUTO]
 - Flash [Auto][Red-Eye Reduction Auto]

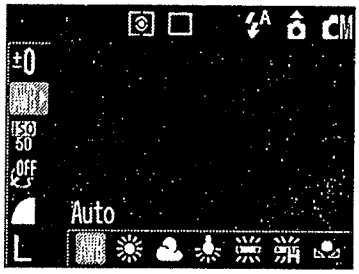
Available Shutter Speeds

The following shutter speeds (in seconds) are available.
1 1.3 1.6 2 2.5 3.2 4 5 6 8 10 13 15

Setting the White Balance

When the white balance mode is set to match the light source, the camera reproduces colors more accurately.

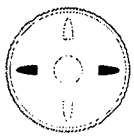
AWB	**Auto**	The camera sets the white balance automatically according to shooting conditions.
	Daylight	For recording outdoors on a bright day.
	Cloudy	For recording under overcast, shady or twilight skies.
	Tungsten	For recording under tungsten and bulb-type 3-wavelength fluorescent lighting.
	Fluorescent	For recording under warm-white, cool-white or warm-white (3-wavelength) fluorescent lighting.
	Fluorescent H	For recording under daylight fluorescent, or daylight fluorescent-type 3-wavelength fluorescent lighting.
	Custom	For setting a custom value with a white sheet of paper, etc., to obtain the optimal white balance for the conditions.



1 In the FUNC. menu, select AWB *.

See *Selecting Menus and Settings* (p. 44).

* The current setting is displayed.



2 Use the ◄/► button to select an option.

- See *Setting a Custom White Balance* (p. 86).
- You can confirm the effect of the setting in the LCD monitor when it is on.
- You can shoot right after selecting an option. The menu displays again after the shot, allowing you to change the settings easily.

FUNC.



3 Press the FUNC. button.

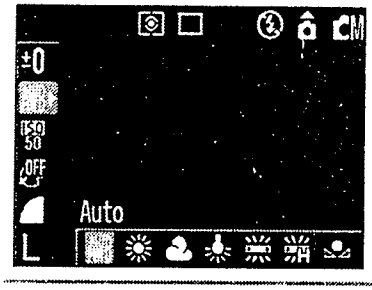
This setting cannot be adjusted when the (Sepia) or (B/W) photo effects are selected.

Setting a Custom White Balance

You can set a custom white balance to obtain the optimal setting for the shooting conditions by having the camera evaluate an object, such as a piece of white paper or cloth, or a photo-quality gray card that you wish to establish as the standard white color.

Especially in the following cases, as the white balance may not be adjusted in (Auto), shoot after reading the white balance data in (Custom).

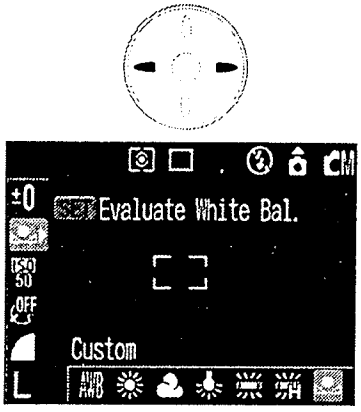
- Shooting close-ups
- Shooting subjects of monotone color (such as sky, sea or forest)
- Shooting with a peculiar source of light (such as a mercury-vapor lamp)



1 In the FUNC. menu, select *.

See *Selecting Menus and Settings* (p. 44).

* The current setting is displayed.



2 Use the ◄/► button to select .

SET



3 Aim the camera at the white paper, cloth or gray card and press the SET button.

- Aim the camera so that the white paper, cloth or gray card completely fills the frame on the LCD monitor or the entire viewfinder before pressing the **SET** button. The camera reads the white balance data when you press the **SET** button.
- You can shoot right after selecting an option. The menu displays again after the shot, allowing you to change the settings easily.

FUNC.



4 Press the FUNC. button.

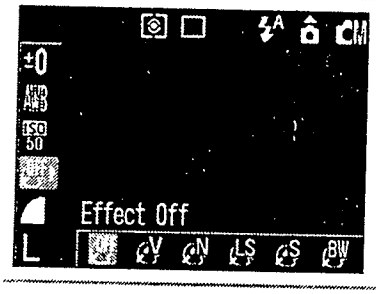


- You are recommended to set the shooting mode to M and the exposure compensation setting to zero (±0) before setting a custom white balance. The correct white balance may not be obtained when the exposure setting is incorrect (image appears completely black or white).
- Shoot with the same settings as when reading the white balance data. If the settings differ, the optimal white balance may not be set. Especially the following should not be changed.
 - Flash
 Setting the flash to on or off is recommended. If the flash fires when reading the white balance data with the flash set to or , make sure that you also use the flash when you shoot.
 - ISO Speed
- It is also advisable to use the LCD monitor to compose the shot and to zoom to the telephoto end setting. Also, the digital zoom should be set to [Off].
- Since the white balance data cannot be read in stitch assist, preset the white balance before selecting in the Rec. menu.

Changing the Photo Effect

You can shoot with different photo effects.

OFF	**Photo Effect Off**	Records with no effect.
V	**Vivid**	Emphasizes the contrast and color saturation to record bold colors.
N	**Neutral**	Tones down the contrast and color saturation to record neutral hues.
LS	**Low Sharpening**	Records subjects with softened outlines.
S	**Sepia**	Records in sepia tones.
BW	**B/W**	Records in black and white.



1 In the FUNC. menu, select OFF *.

See *Selecting Menus and Settings* (p. 44).

* The current setting is displayed.



2 Use the ◄/► button to select an effect.

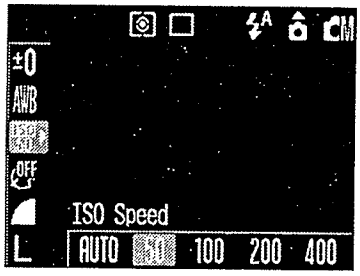
- You can confirm the photo effect in the LCD monitor when it is on.
- You can shoot right after selecting an option. The menu displays again after the shot, allowing you to change the settings easily.



3 Press the FUNC. button.

Adjusting the ISO Speed

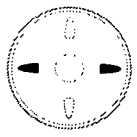
Raise the ISO speed when you wish to reduce camera shake or turn the flash off when shooting in a dark area, or use a fast shutter speed.



1 In the FUNC. menu, select ISO 50 *.

See *Selecting Menus and Settings* (p. 44).

* The current setting is displayed.



2 Use the ◄/► button to select a speed.

You can shoot right after selecting an option. The menu displays again after the shot, allowing you to change the settings easily.

FUNC.

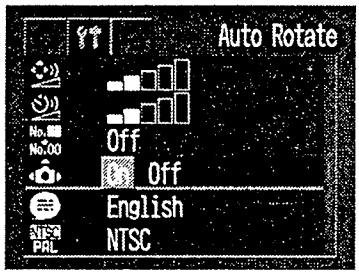


3 Press the FUNC. button.

- Higher ISO speeds increase image noise. To take clean images, use as low an ISO speed as possible.
- Although the AUTO setting selects the optimal speed, it will automatically raise the speed when the shooting condition limits are reached. It will also raise the speed when the light from the flash is insufficient to illuminate the subject matter.

Setting the Auto Rotate Function

Your camera is equipped with an Intelligent Orientation sensor that detects the orientation of an image shot with the camera held vertically and automatically rotates it to the correct viewing orientation in the display. You can set this function on/off.



1 In the (Set up) menu, select .

See *Selecting Menus and Settings* (p. 44).



MENU



2 Use the ◄/► button to select [On] and press the MENU button.

- The display will return to the Rec. screen.
- When the Auto Rotate function is set to [On] and the LCD monitor is set to the detailed display mode, the icon (normal), icon (right end is down) or icon (left end is down) will appear in the upper right of the display.

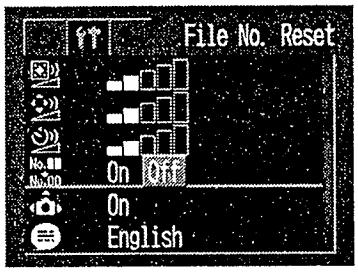
- When the camera is held vertically to shoot, the Intelligent Orientation sensor judges the upper end to be "up" and the lower end to be "down." It then regulates the optional white balance, exposure and focus for vertical photography. This function operates regardless of the On/Off status of the Auto Rotate function.
- When changing the camera's orientation between the horizontal and vertical positions, you may hear noise coming from the orientation detection mechanism. This is not a malfunction.

- This function may not operate correctly when the camera is pointed straight up or down. Check that the arrow is pointing in the right direction and if it is not, then set the Auto Rotate function to [Off].
- Even if the Auto Rotate function is set to [On], the orientation of images downloaded to a computer will depend upon the software used to download the images.

Resetting the File Number

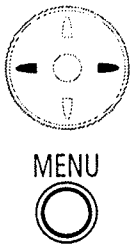
You can select the way file numbers are assigned.

On	The file number is reset to the start (100-0001) each time a new SD card is inserted. New images recorded on SD cards with existing files are assigned the next available number.
Off	The file number of the last image to be shot is memorized so that images recorded to a new SD card start from the next number.



1 In the (Set up) menu, select .

See *Selecting Menus and Settings* (p. 44).



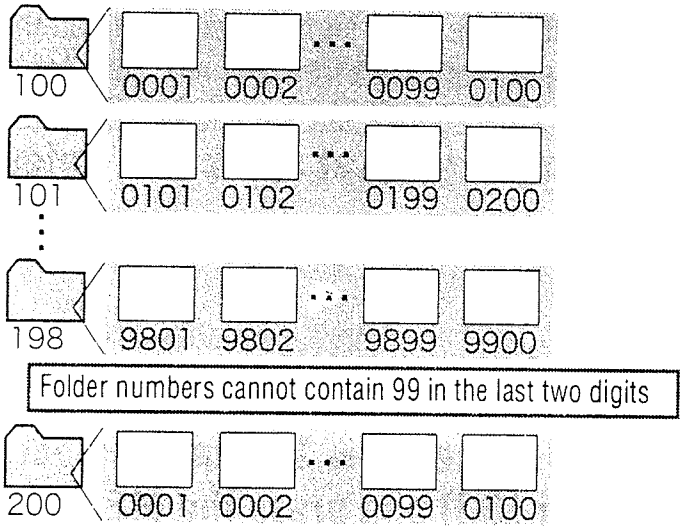
2 Use the ◄/► button to select [On] or [Off] and press the MENU button.

The display will return to the Rec. screen.

Setting the File No. Reset to [Off] is useful for avoiding file name duplication when images are downloaded to a computer.

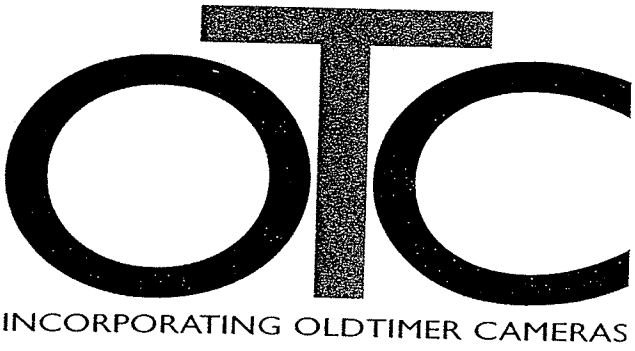
About File Numbers and Folder Numbers

Images are assigned file numbers from 0001 to 9900, and folders are assigned folder numbers from 100 to 998 (Folder numbers cannot contain 99 in the last two digits)



Folder File Capacity

Each folder usually contains up to 100 images.
However, since images shot in continuous shooting and stitch assist are always saved into the same folder, a folder may contain more than 100 images. The number of images may also exceed 100 if a folder contains images copied from a computer or images shot with other cameras. Please note, however, that the images in folders containing 2001 or more images cannot be replayed in this camera.



OTC Ltd, 24 Market Place, Hatfield, Herts, AL10 0LN
Tel: 01707 273773 Fax: 01707 273774 Email: sales@otcworld.co.uk www.otcworld.co.uk

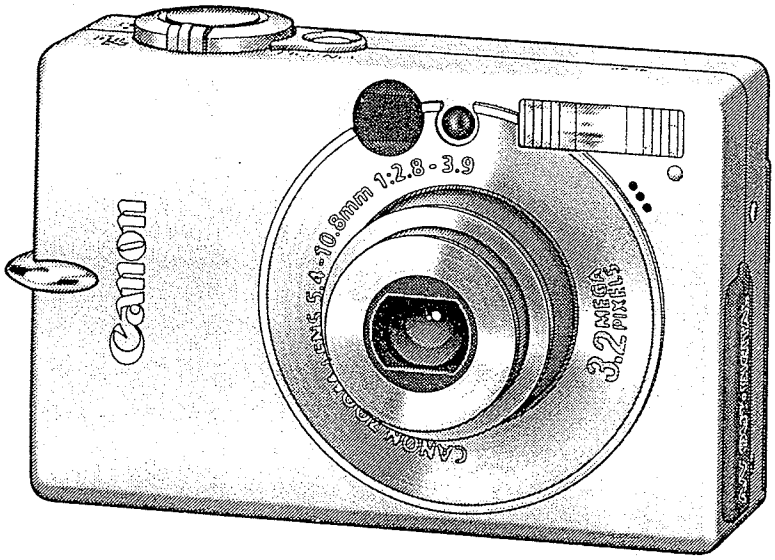
ENGLISH

Canon

DIGITAL

IXUS II

Camera User Guide



DiG!C

Exif Print

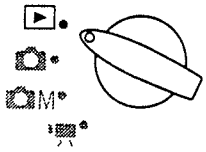
DPOF

DIRECT PRINT

BUBBLE JET DIRECT

- Please read the *Read This First* section (p. 7).
- Please refer to the *Software Starter Guide* for information on installing the software and downloading images.
- Please also read the printer user guide included with your Canon printer.

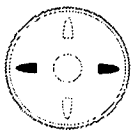
Displaying Images Individually





1 Turn the mode switch to ▶ (Replay).

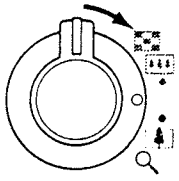
The last recorded image will appear in the display (single image replay).



2 Use the ◄/► button to move between the images.

Use the ◄ button to move to the previous image and the ► button to move the next image.
Holding the button down advances the images more rapidly, but the images will not appear as clearly.

Magnifying Images

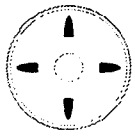




Approximate Location of the Magnified Area

1 Press the zoom lever toward Q.

- Images can be magnified up to approximately 10 times.
- Hold the **SET** button down and press the zoom lever toward Q to cycle through each setting, from approximately 2.5 times, to approximately 5 and 10 times.
- Hold the **SET** button down and press the zoom lever toward ▪ to cycle back through the levels of magnification from approximately 5 times, to 2.5 times and the standard view.



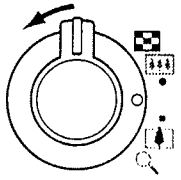
2 Use the ▲/▼/◄/► button to move around the image.

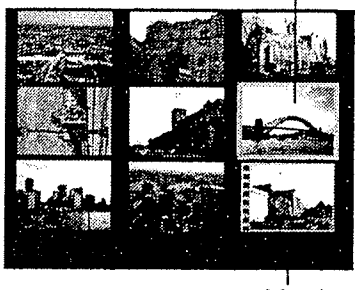
To cancel the magnified display

Press the zoom lever toward ▪.

Movie frames and index replayed images cannot be magnified.

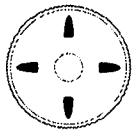
Viewing Images in Sets of Nine (Index Replay)





1 Press the zoom lever toward .

Up to nine images can be viewed at once in index replay.

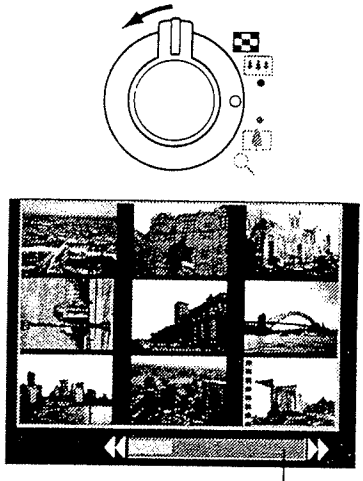


2 Use the /// button to change the image selection.

To return to single image replay

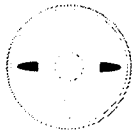
Press the zoom lever toward .

Switching between Sets of Nine Images



1 **Press the zoom lever toward ▪ while in index replay.**

The jump bar will display.



2 **Use the ◄/► button to move to the previous set or the next set.**

Hold the **SET** button down and press the ◄/► button to jump to the first or last set.

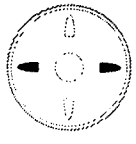
To return to index replay

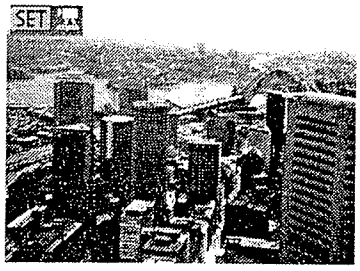
Press the zoom lever toward Q.

Viewing Movies

Movie clips can be replayed with the following procedures.

Movies cannot be played in the index replay mode.



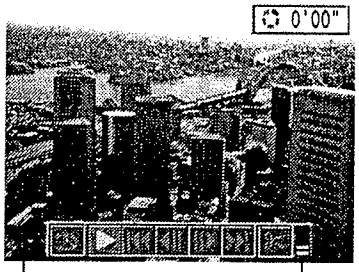


1 Use the ◄/► button to select a movie.

Images with a SET icon are movies.

SET



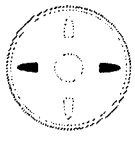


Movie Control Panel

Volume Level

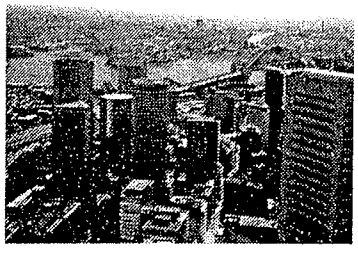
2 Press the SET button.

- The movie control panel will display.
- Use the ▲/▼ button to adjust the sound volume.



SET





3 Use the ◄/► button to select ▶ (Play) and press the SET button.

- The movie and sound will play.
- When playback ends, the movie stops at the last frame displayed. Press the **SET** button to display the movie control panel. Press the **SET** button again to play from the beginning.

Pausing and Resuming Play



Press the SET button during playback.

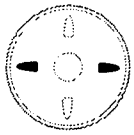
The movie playback pauses. Press it again to resume.

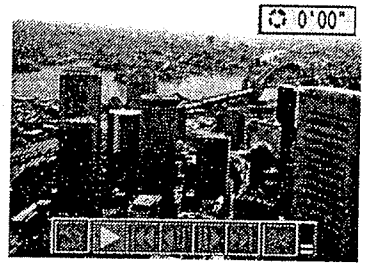
Operating the movie control panel



1 Select a movie and press the SET button (p. 97).

The movie control panel will display.







2 Use the ◄/► button to select one of the following and press the SET button.

- : Return to single image replay (Pressing the Menu button also returns to single image replay.)
- : Play
- : First Frame
- : Previous Frame (Rewinds if the **SET** button is held down)
- : Next Frame (Fast Forwards if the **SET** button is held down)
- : Last Frame
- : Switch to Movie Editing Mode (p. 100)

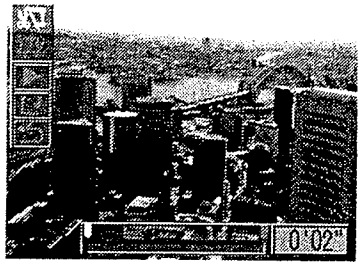
Use the television's controls to adjust the volume when playing a movie on a TV set (p. 146).

- You may experience frame dropping and audio breakup when replaying a movie on a computer with insufficient system resources.
- Movies shot with other cameras may not replay on this camera. See *List of Messages* (p. 162).

Editing Movies

Selecting (Edit) in the movie control panel enables you to cut unwanted portions at the start or end of a movie clip.

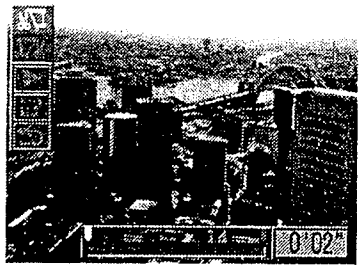
Protected movies and movies less than 1 second in duration cannot be edited.



1 Switch to the movie editing mode.

- See *Operating the movie control panel* (p. 99).
- The movie editing panel and the movie editing bar will display.





2 Use the ▲/▼ button to select or and the ◄/► button to set the portion to which the cut is applied.

: Cut Beginning
: Cut End
▼ : Cursor



SET

3 Use the ▲/▼ button to select (Play) and press the SET button.

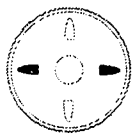
- A preview of the temporarily edited movie clip plays.
- To stop it, press the **SET** button again.

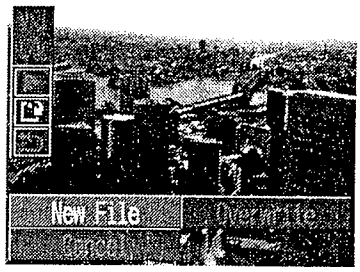


SET

4 Use the ▲/▼ button to select (Save) and press the SET button.

Selecting cancels the edits and returns to the movie control panel display.





SET



5 Use the ◄/► button to select [New File] or [Overwrite] and press the SET button.

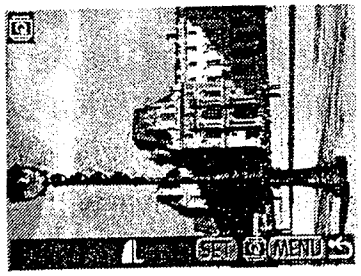
- [New File] saves the edited movie under a new file name. The pre-edit data is left unchanged.
- [Overwrite] saves the edited movie with its original file name. The pre-edit data is lost.
- When the SD card lacks sufficient space to create a new file, only [Overwrite] can be selected. A small ▲ symbol will appear in the time display on the movie in that case.



- The minimum duration of an edited movie is 1 second.
- It may take approximately 3 minutes to save an edited movie. If the battery pack runs out of charge partway through, edited movie clips cannot be saved. When editing movies, use a fully charged battery pack or the separately sold AC Adapter Kit ACK900 (p. 166).

Rotating Images in the Display

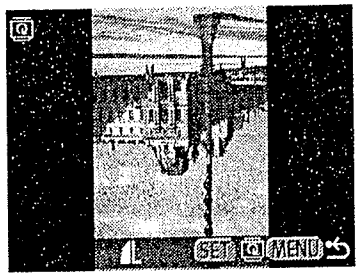
Images can be rotated clockwise 90° or 270° in the display.



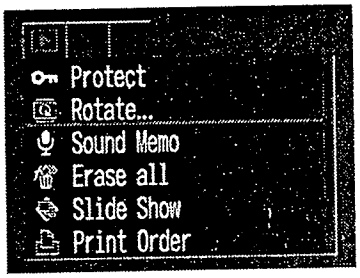
0° (Original)



90°



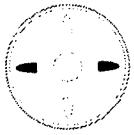
270°



SET

1 In the ▶ (Play) menu, select 🔄 and press the SET button.

See *Selecting Menus and Settings* (p. 44).



SET

2 Use the ◄/► button to select the image to be rotated and press the SET button.

Cycle through the 90°/270°/0° orientations with each press of the **SET** button.

MENU

3 Press the MENU button.

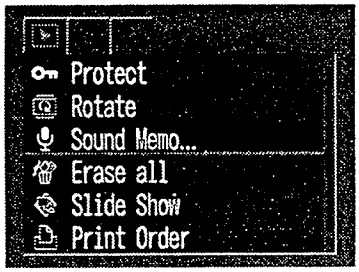
The display will return to the Play menu. Pressing the **MENU** button again returns to the Replay screen.

- Movies cannot be rotated.
- When images are downloaded to a computer, the orientation of images rotated by the camera will depend upon the software used to download the images.

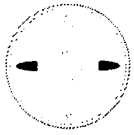
- Images can be magnified when rotated (p. 94).
- Images taken vertically with Auto Image Rotate (p. 90) set to [On] will automatically be rotated to the vertical position when viewed on the camera's LCD monitor.

Attaching Sound Memos to Images

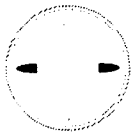
In replay mode (including single image replay, index replay, and magnifying replay), you can attach sound memos (up to 60 seconds) to an image. The sound data is saved in WAVE format.

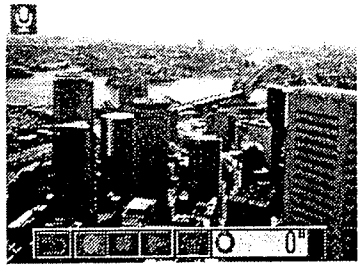


SET



SET





SET

1 In the ▶ (Play) menu, select 🎙 and press the SET button.

See *Selecting Menus and Settings* (p. 44).

2 Use the ◄/► button to select an image and press the SET button.

The sound memo control panel will display.

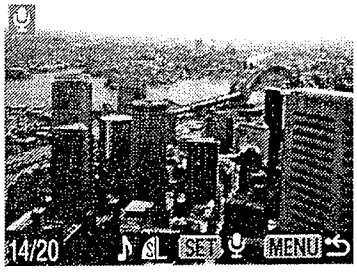
3 Use the ◄/► button to select ● and press the SET button.

- The recording starts and the elapsed time is displayed. Speak towards the microphone of the camera.
- Press the **SET** button again to stop recording. To resume recording, press the **SET** button again.
- Up to 60 seconds of recordings may be added to any one image.
- To return to the previous screen, select ↩ and press the **SET** button.

Exiting the Sound Memos

Press the **MENU** button.

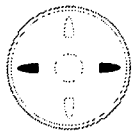
Playing/Erasing Sound Memos

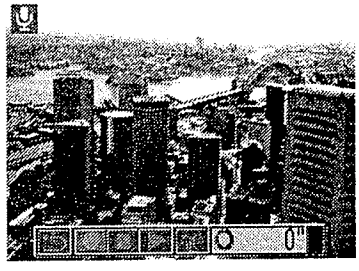


SET

1 Display an image with a sound memo attached (p. 104) and press the SET button.

- Images with sound memos attached have a ♪ symbol displayed on them in the LCD monitor.
- The sound memo control panel will display.





SET

2 Use the ◄/► button to select ▶ or 🗑 and press the SET button.

▶ (Play)

- The sound memo will play. Playback will stop when you press the **SET** button. Press the **SET** button again to resume playback.
- Use the ▲/▼ button to adjust the sound volume.

🗑 (Erase)

- A confirmation menu will display. Use the ◄/► button to select [Erase] and press the **SET** button.

To return the playback to the beginning, select ■ (Stop) while stopped and press the **SET** button.

- You cannot attach sound memos to movies.
- The "Memory card full" message will display when the SD card is full and you will be unable to record sound memos to that card.
- If an incompatible sound memo is attached to an image, you will be unable to record or play sound memos for that image, and the "Incompatible WAVE format" message will display. You can erase incompatible sound data using the camera.
- Sound memos for protected images cannot be erased.

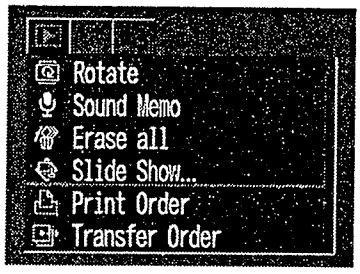
The volume can be adjusted in the (Set up) menu (p. 155).

Automated Playback (Slide Shows)

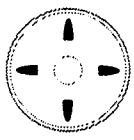
Starting a Slide Show

A selection of images or all the images on an SD card can be displayed one-by-one in an automated slide show.
Slide show image settings are based on DPOF standards (p. 131).

All Images	Plays all images on the SD card in order.
Slide Show 1-3	Plays the images selected for each slide show in order (p. 109).

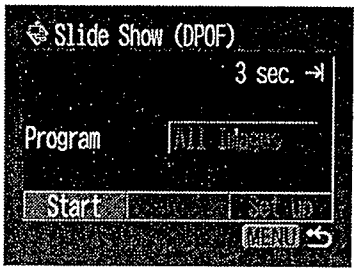


SET



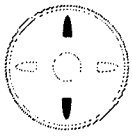
1 In the (Play) menu, select and press the SET button.

- See *Selecting Menus and Settings* (p. 44).
- The Slide Show menu will display.



2 Use the ▲/▼ button to select [Program] and the ◄/► button to select [All Images], [Show 1], [Show 2] or [Show 3].

See p.109 from step 3, for selecting the playback images in slide shows 1-3.



SET

3 Use the ▲/▼ button to select [Start] and press the SET button.

The slide show starts. The Slide Show menu will reappear after the playback ends.



4 Press the MENU button.

The display will return to the Play menu. Pressing the **MENU** button again returns to the Replay screen.

- Movies play for their entire recorded length regardless of the time set in the slide show settings.
- The power-saving function does not activate during a slide show (p. 33).

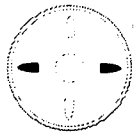
Pausing/Resuming a Slide Show



Press the SET button.

The slide show pauses. Press the **SET** button again to restart it.

Fast Forwarding/Rewinding a Slide Show



Press the ◄/► button.

The previous or next image displays. Hold down the button to advance through the images more rapidly.

Stopping a Slide Show

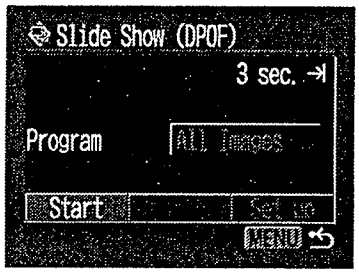


Press the MENU button.

The slide show stops and the Slide Show menu reappears.

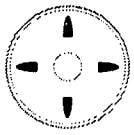
Selecting Images for Slide Shows

You can mark images for inclusion in slide shows 1-3. Up to 998 images may be marked per slide show. Images display in the order of their selection.



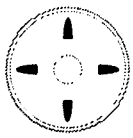
1 Display the Slide Show menu.

See *Starting a Slide Show* (p. 107).



2 Use the ▲/▼ button to select [Program] and the ◄/► button to select [Show 1], [Show 2] or [Show 3].

A white checkmark will appear beside a show already containing images.





3 Use the ▲/▼ button and the ◄/► button to choose [Select] and press the SET button.





4 Select images for the Slide Show

- Use the ◄/► button to move between images and the ▲/▼ button to select or deselect them. Selected images display a number corresponding to their selection order and a white checkmark ☑.
- You can press the zoom lever toward ▪▪ to switch to the index mode (3 images) and use the same procedures to select images.
- While in index replay, pressing the **SET** button displays the menu for selecting or deselecting all images. Use the ▲/▼ button to select [Select all] or [Clear all] and press the **SET** button.



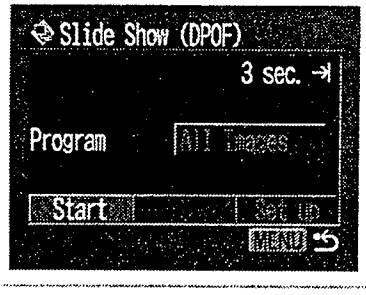
5 Press the MENU button.

The image selection screen will close. Pressing the **MENU** button again returns to the Play menu. Press it again to go back to the Play screen.

Adjusting the Play Time and Repeat Settings

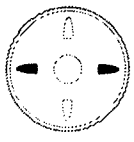
You can change the play time for all the images in a show and have the show repeat continuously.

	Play Time	Sets the duration that each image displays. Choose between 3-10 seconds, 15 seconds, 30 seconds and Manual.
	Repeat	Sets whether the slide show stops when all the slides have been displayed or continues until stopped.

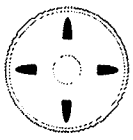


1 Display the Slide Show menu.

See *Starting a Slide Show* (p. 107).

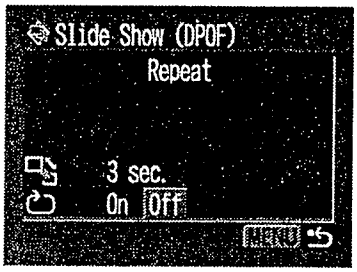


SET



2 Use the ◄/► button to select [Set up] and press the SET button.

3 Use the ▲/▼ button to select 🖼 or 🔁 and the ◄/► button to select an option.



🖼 (Play Time)

Select a play time.

🔁 (Repeat)

Select [On] or [Off].



MENU

4 Press the MENU button.

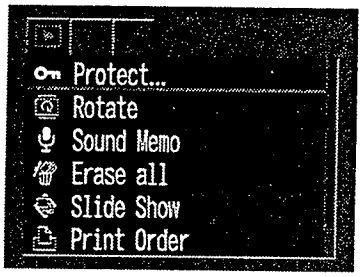
The set up menu will close. Pressing the **MENU** button again returns to the Play menu. Press it again to go back to the Play screen.



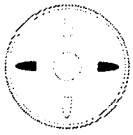
- The display interval may vary slightly from the set time for some images when played.
- Slide shows are easy to arrange on a computer with the supplied software. See the *Software Starter Guide*.

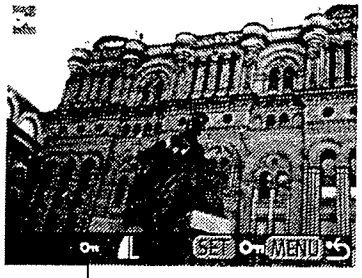
Protecting Images

You can protect important images from accidental erasure.



SET





Protection Icon

SET

1 In the ▶ (Play) menu, select 🔑 and press the SET button.

See *Selecting Menus and Settings* (p. 44).

2 Use the ◄/► button to select an image to protect and press the SET button.

- The 🔑 icon appears on protected images.
- You can make the selection of images easier by toggling between single image replay and index replay by pressing the zoom lever toward ▪ or Q.

MENU

3 Press the MENU button.

The Play menu displays again. Press it again to return to the Play screen.

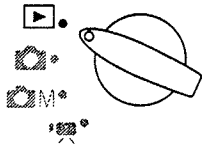
To cancel protection

After step 1, select an image to remove protection from and press the **SET** button.

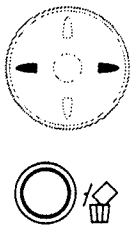
Please note that formatting (initializing) an SD card erases all data, including protected images.

Erasing Single Images

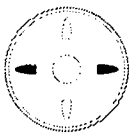
- Please note that erased images cannot be recovered. Exercise adequate caution before erasing a file.
- Protected images cannot be erased with this function.

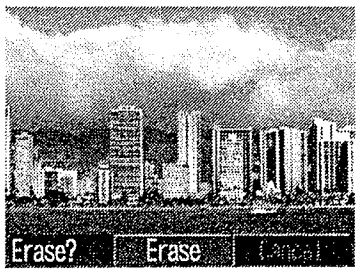


1 Turn the mode switch to ▶ (Replay).



2 Use the ◄/► button to select an image for deletion and press the 🗑 button.





SET

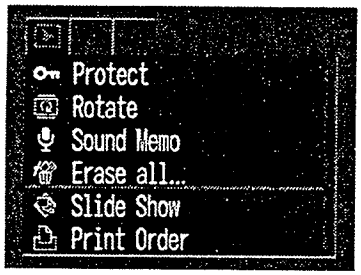


3 Use the ◄/► button to select [Erase] and press the SET button.

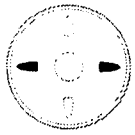
To exit instead of erasing, select [Cancel].

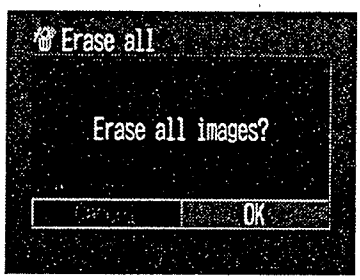
Erasing All Images

- Please note that erased images cannot be recovered. Exercise adequate caution before erasing a file.
- Protected images cannot be erased with this function.



SET





SET

1 In the ▶ (Play) menu, select and press the SET button.

See *Selecting Menus and Settings* (p. 44).

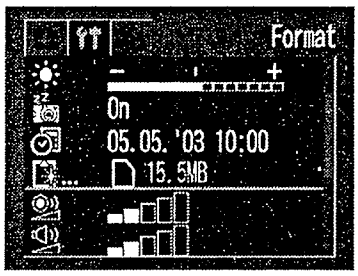
2 Use the ◄/► button to select [OK] and press the SET button.

To exit instead of erasing, select [Cancel].

Formatting SD Cards

New SD cards must be formatted with the following procedures before use.

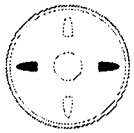
Please note that formatting (initializing) an SD card erases all data, including protected images and other file types.

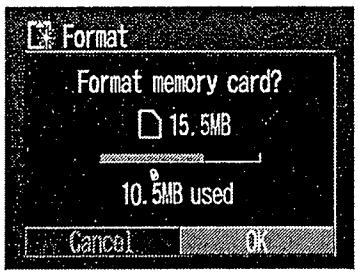


SET

1 In the (Set up) menu, select and press the SET button.

See *Selecting Menus and Settings* (p. 44).





SET

2 Use the ◄/► button to select [OK] and press the SET button.

- To exit instead of formatting, select [Cancel].
- The capacity of the SD card displayed after formatting will be less than the rated capacity of the SD card. This is not a malfunction of the SD card or camera.

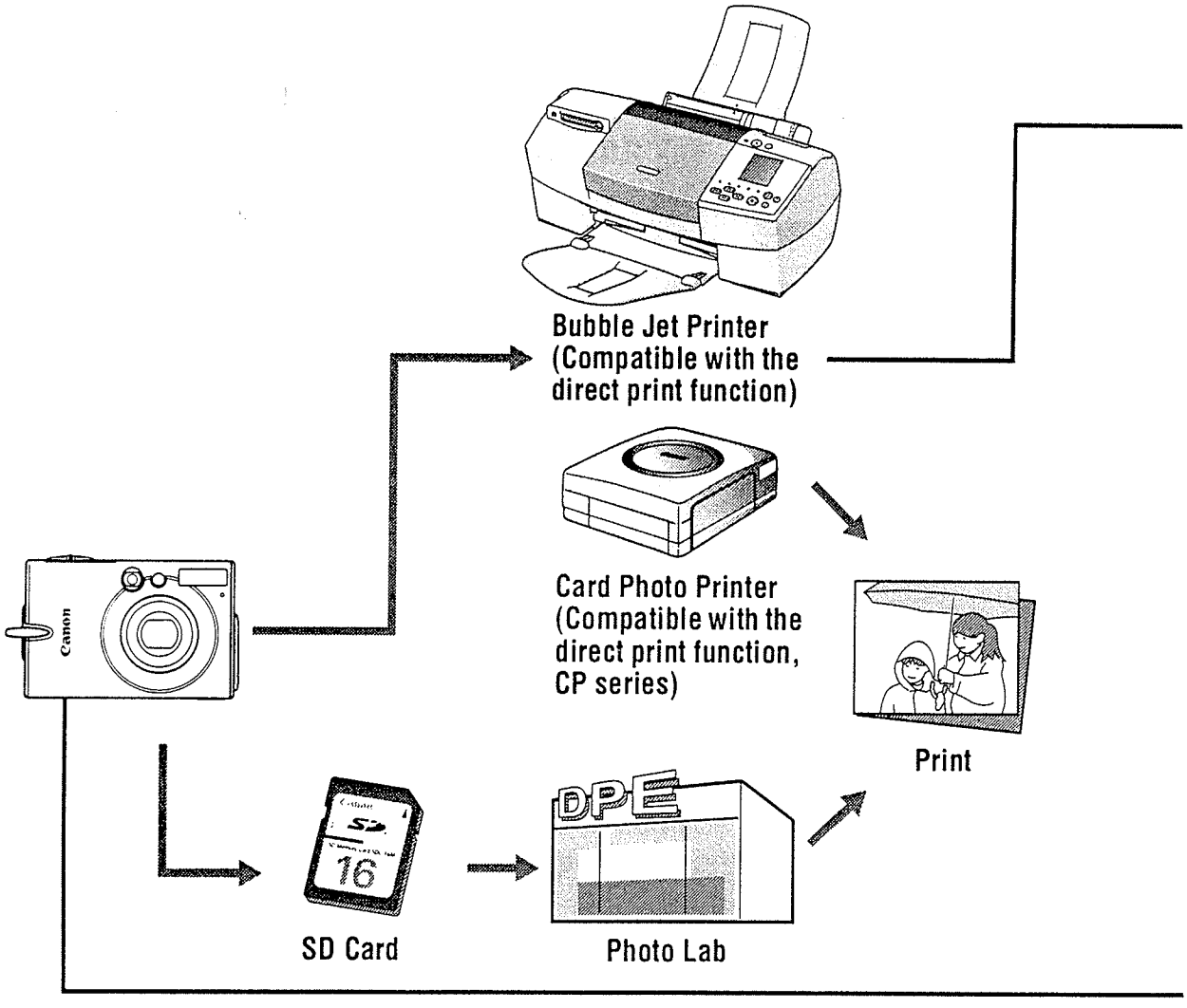
- When the camera is malfunctioning, a corrupted SD card might be the cause. Reformatting the SD card may solve the problem.
- When a non-Canon brand SD card is malfunctioning, reformatting it may solve the problem.
- SD cards formatted in other cameras, computers, or peripheral devices may not operate correctly in this camera. When that happens, reformat the SD card with this camera. If formatting in the camera does not work properly, turn the camera off and re-insert the SD card. Then turn the camera back on and format again.

About Printing

This camera supports direct printing. By connecting the camera to a direct print compatible printer (CP series, sold separately)*1 or Bubble Jet printer (sold separately) that supports the camera's direct print function, you can send the images from the SD card directly to the printer using the camera buttons. In addition, you can have prints made to specification by a photo developing service by sending your SD card with the DPOF*2 print settings set in advance on your camera. Please refer to the *System Map* supplied with your camera for direct print compatible printer information.

*1 The direct print icon appears on direct print compatible CP series printers.

*2 Digital Print Order Format



Please refer to the *System Map* supplied with your camera for direct print compatible printer (CP series) information.

Setting Print Settings for Direct Printing

- See *Setting the Number of Print Copies* (p. 126).

▼

- See *Setting the Print Style* (p. 126).
 - Standard/Multiple
 (Direct Print Compatible Printer, CP Series)
 - Paper: Card #1/Card #2/Card #3/LTR/A4
 (Direct Print Compatible Bubble Jet Printer)
 - Bordered/Borderless
 - Date: On/Off

▼

- See *Setting the Printing Area (Trimming)* (p. 129).

DPOF Print Settings

- See *Selecting Images for Printing* (p. 131).

▼

- Set the number of print copies (pp. 132, 133).

▼

- See *Setting the Print Style* (p. 134).
 - Standard/Index/Both
 - Date: On/Off
 - File Numbers: On/Off

DPOF Transfer Order

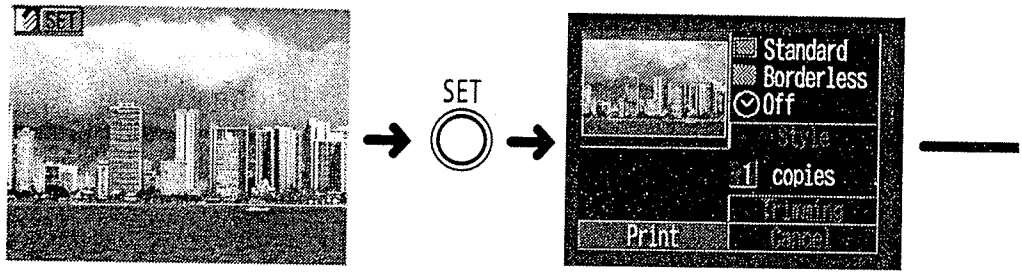
- Select the images to download to a computer (p. 140).

Print Menu Settings

Use the Print menu to set print related settings. The following diagrams illustrate how to use the Print menu.

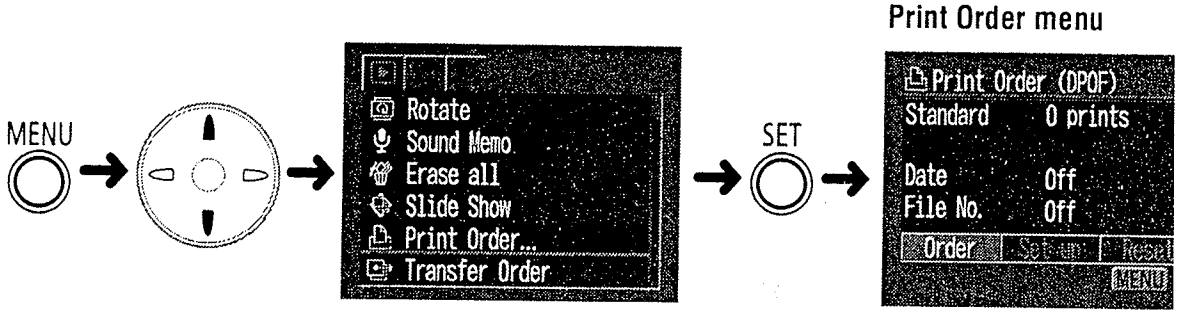
Direct Print Function

Set the Mode Switch to ▶



DPOF Print Settings

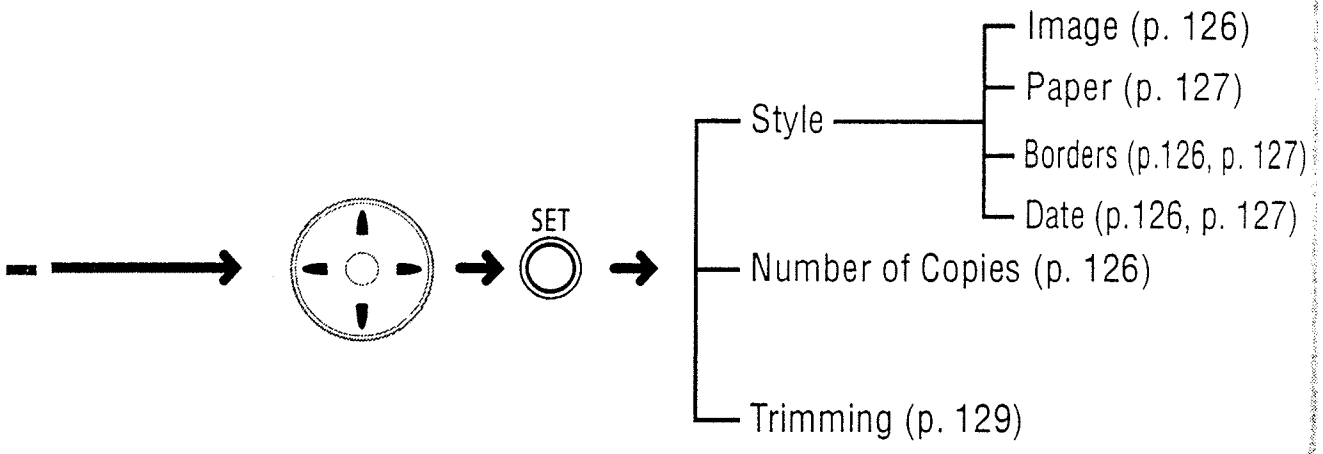
Set the Mode Switch to ▶

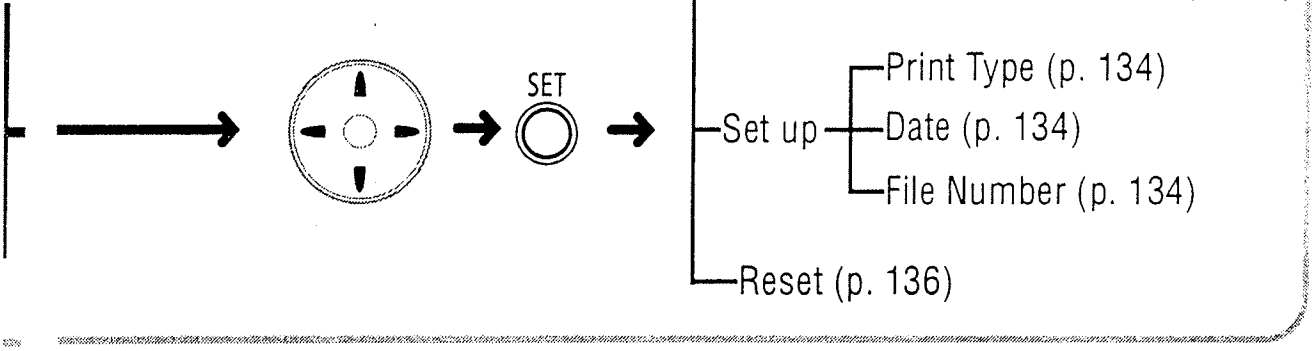


MENU Turns the menu on/off.

Selects items and settings.

SET Sets items and settings.





Connecting a Printer

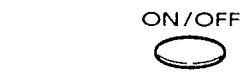
You can make clear prints swiftly and easily when you connect the camera to a direct print compatible printer (CP series, sold separately) or a direct print compatible Bubble Jet printer (sold separately). You can also print using DPOF print settings.

You are recommended to use the AC Adapter Kit ACK900 (sold separately) rather than the battery pack to power the camera when it is connected to a printer. If you do use a battery pack, ensure that it is fully charged and monitor the battery charge while printing.

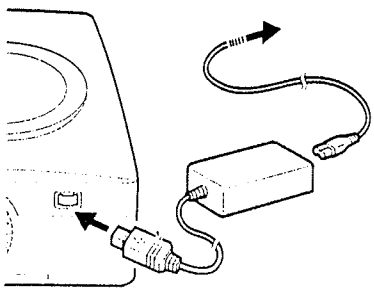
- Please refer to the *System Map* supplied with your camera for direct print compatible printer (CP series) information.
- Please see your printer's user guide for information about installing paper and ink cassettes/tanks.

Connecting to a Direct Print Compatible Printer (CP Series)

Your printer should come equipped with two direct interface cables. To connect to this camera, please use the cable (DIF-100) that has the ⇐ symbol on its connector.

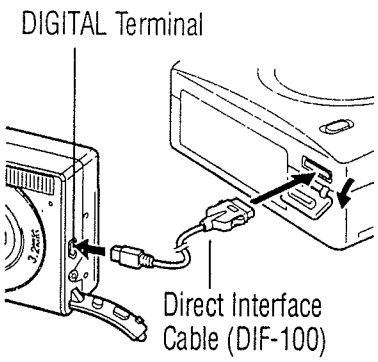


1 Press the ON/OFF button to turn the camera off.



2 Attach the power cable to the printer and insert its plug into a power outlet, or install the printer's rechargeable battery.

Depending on the type of printer you have, it may or may not use rechargeable batteries. Refer to your printer's user guide.

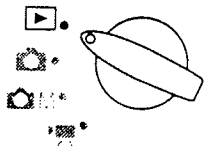


3 Connect the camera and printer using the direct interface cable.

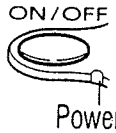
To connect to the DIGITAL terminal of the camera, slip your fingernail under the edge of the terminal cover to open it, then insert the connector until you hear it click into place.
Orient the cable so that the connector's ⇐ symbol faces the camera's back panel.

4 Press the printer's ON/OFF button to turn on its power.

If you are using Card Photo Printer CP-10, the printer's power will turn on in Step 2 when the printer and power cable are connected.

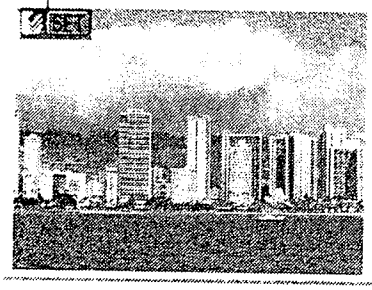


5 Turn the mode switch to ▶ (Replay).



Power Lamp

This shows when a direct print compatible printer (CP series) is connected.



6 Press the ON/OFF button until the power lamp lights green.

☑ will display when the printer is correctly connected.

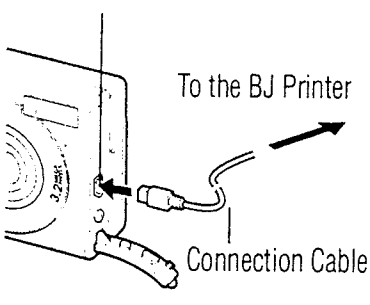
Connecting to a Bubble Jet Printer

Please read the *Quick Start Guide* supplied with your Bubble Jet printer to see if it is compatible with the camera's direct print function, and for instructions regarding the connection cables and the printer's general operation.



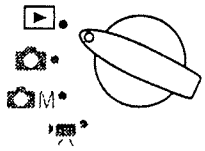
1 Press the ON/OFF button to turn the camera off.

2 Turn the Bubble Jet printer's power on after you have connected the power cord to the Bubble Jet printer and inserted the other end in a power outlet.

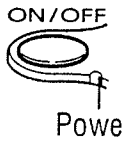


3 Connect the camera and printer using the connection cable.

To connect to the DIGITAL terminal of the camera, slip your fingernail under the edge of the terminal cover to open it, then insert the connector until you hear it click into place. Orient the cable so that the word Canon on the connector faces the camera's front panel.



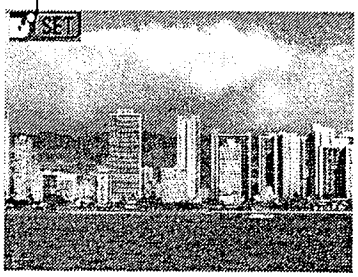
4 Turn the mode switch to ▶ (Replay).



5 Press the ON/OFF button until the power lamp lights green.

will display when the printer is correctly connected.

This shows when a BJ printer is connected.



- On Bubble Jet printers with operation panels, images cannot be printed through the operation panel while the camera is connected.
- The following cannot be conducted while the printer is connected.
 - Playing movies
 - Setting the language with the **SET** and the **MENU** button combination.
- When the printer is disconnected, the or symbol will disappear from the LCD monitor and the camera will revert to the standard replay mode.
- Use the following procedures to detach the cable from the camera and printer.
 1. Detach the cable from the printer.
 2. Shut off the camera's power.
 3. Detach the cable from the camera.
 Ensure that you grip the connector's sides when you detach the cable from the camera's DIGITAL terminal.

Printing

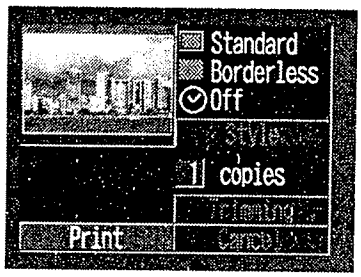
* The following illustrations show examples from a direct print compatible printer (CP series). Options for the Style category will differ slightly for Bubble Jet printers.

Print images displayed in single image replay or index replay mode.



SET

1 Use the ◄/► button to select the images you wish to print and press the SET button.

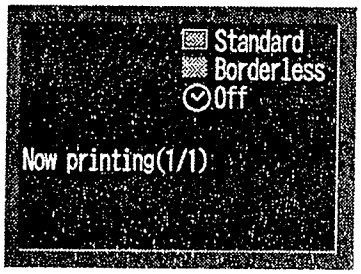


2 Specify the number of print copies, print style and print area as required.

- See *Setting the Number of Print Copies* (p. 126).
- See *Setting the Print Style* (p. 126).
- See *Setting the Printing Area (Trimming)* (p. 129).



SET



3 Use the ▲/▼/◄/► button to select [Print] and press the SET button.

- To quit the procedure instead, select [Cancel].
- The image will start to print. When it is finished printing, the replay screen will reappear.

Movies cannot be printed.

Canceling Printing

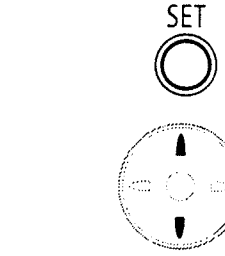
- Press the **SET** button to stop printing. A confirmation message will display. Use the ◄/► button to select [OK] and press the **SET** button.
 - **Direct Print Compatible Printers (CP Series)**
 A print in progress cannot be stopped. The printer will stop after the current print is complete and the camera will display its replay screen at that point.
 - **Direct Print Compatible Bubble Jet Printers**
 The printer will stop printing the current image and eject the paper.

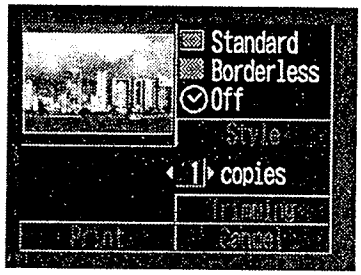
Printing Errors

- An error message will display if an error occurs while printing (pp. 164, 165). Use the ◄/► button to select [Stop] or [Resume] and press the **SET** button. (With a Bubble Jet printer, the print will automatically restart if the error is resolved.)
 - **Direct Print Compatible Printers (CP Series)**
 The [Resume] option may not appear with some types of error. In that case, select [Stop].
 - **Direct Print Compatible Bubble Jet Printers**
 - [Continue] or [Cancel] may appear with some types of error.
 - On Bubble Jet printers with operation panels, an error code displays on the panel. See the printer's user guide for the recommended course of action for each error type.

Setting the Print Settings (Direct Print Function)

Setting the Number of Print Copies





1 **In the Replay mode, press the SET button and use the ▲/▼ button to select [Copies].**



2 **Use the ◄/► button to specify the desired number of copies.**

Up to 99 copies may be specified.

Setting the Print Style

You can select from among the following print styles.

Direct Print Compatible Printers (CP Series)

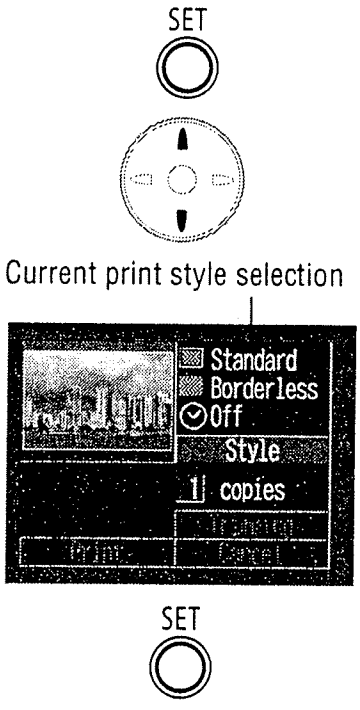
Image	Standard	Prints one image per page.
	Multiple*	Prints eight copies of the same image on one page.
Borders	Borderless	Prints right to the edges of the paper.
	Bordered	Prints with a border.
Date		Prints the image's creation date.

* This option is only available for printing on card-size paper.

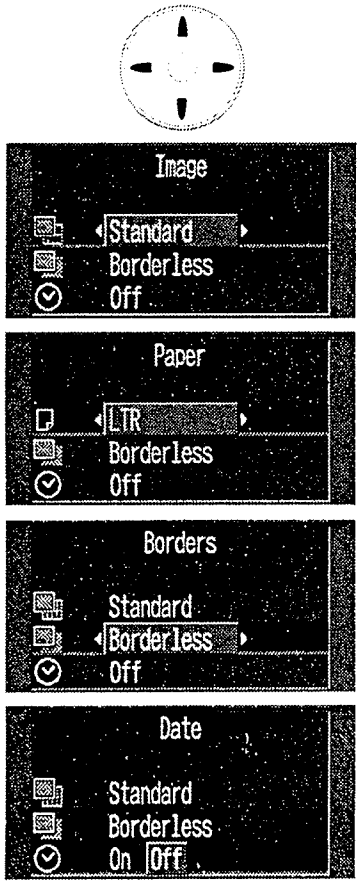
Direct Print Compatible Bubble Jet Printer

Paper		Select a paper size from the following: Card #1, Card #2, Card #3, LTR and A4. See the Bubble Jet printer's user guide for its media specifications.
Borders	Borderless	Prints right to the edges of the paper.
	Bordered	Prints with a border.
Date		Prints the image's creation date.

If you are using a direct print compatible printer (CP series), the date and borders settings cannot be selected when the [Multiple] option is selected (Images are printed without a date or border.).



1 In the Replay mode, press the SET button and use the ▲/▼ button to select [Style]. Then press the SET button.



2 Use the ▲/▼ button to select 🖼, 📄, 🖼 or 🕐 and the ◄/► button to select an option.

🖼 **(Image)**

- **Direct Print Compatible Printers (CP Series)**

Select [Standard] or [Multiple].

📄 **(Paper)**

- **Direct Print Compatible Bubble Jet Printers**

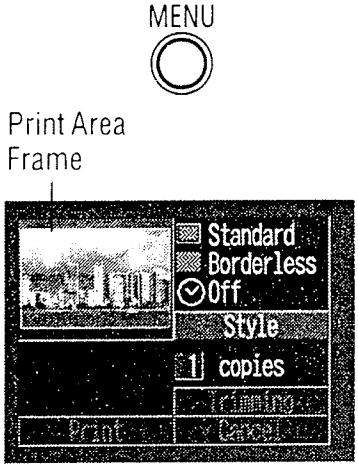
Select [Card #1], [Card #2], [Card #3], [LTR] or [A4].

🖼 **(Borders)**

Select [Borderless] or [Bordered].

🕐 **(Date)**

Select [On] or [Off].



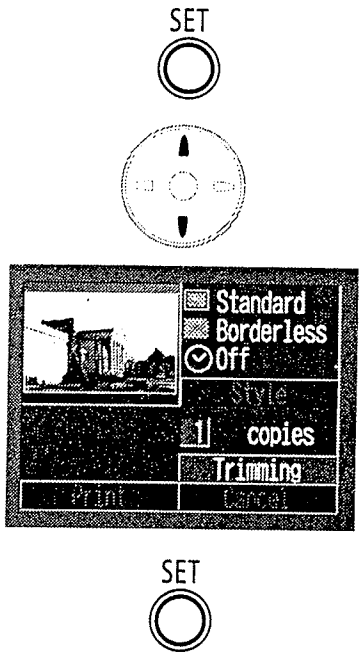
3 Press the MENU button to finish the procedure.

- Practically all of the image area is printed on bordered prints.
- With borderless or multiple prints, the image is printed with its top, bottom and sides trimmed. A frame appears around the area of the image that will be printed, so you can check the portion that will be trimmed.

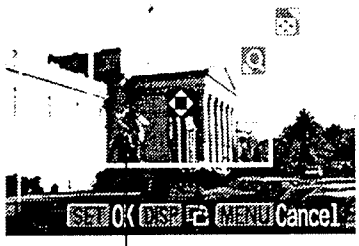
Setting the Printing Area (Trimming)

You can print a portion of an image.

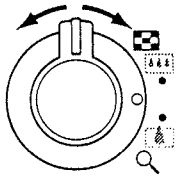
- The shape of the trimming frame is determined by the print style selection (image, paper, borders, date). Set the print style before setting the printing area (p. 126).
- Please use the LCD monitor to set the printing area. The trimming frame may not display correctly on a TV monitor.



1 In the Replay mode, press the SET button and use the ▲/▼ button to select [Trimming]. Then press the SET button.



Trimming Frame





DISP.



SET



2 Trim the image.

Changing the Size of the Trimming Frame

- Press the zoom lever toward Q or ▪.
- The trimming frame can be resized to approximately half the image size at minimum and practically as large as the image at maximum.
- You can cancel the trimming setting by sliding the zoom lever toward ▪ again when the trimming frame is already set to the maximum size.
- When printing an image that has been magnified using the trimming option, the image quality may become coarser and grainier depending on the magnifying rate. With direct print compatible printers (CP series), the trimming frame displays in red.

Moving the Trimming Frame

Use the ▲/▼/◄/► button to set the trimming frame's position.

Rotating the Trimming Frame

Press the **DISP.** button to rotate the trimming frame.

3 Press the SET button to close the setting menu.

- The trimming frame will appear on images that have already had one assigned.
- Trimming settings can only be set for one image.
- Trimming settings are canceled with the following operations:
 - When the **MENU** button is pressed.
 - When the trimming settings are set for another image.
 - When the print mode is closed (camera power shut off, mode switch turned, or direct interface cable or connection cable detached).
 - When the zoom lever is pressed further toward ▪ with the trimming frame at its maximum.

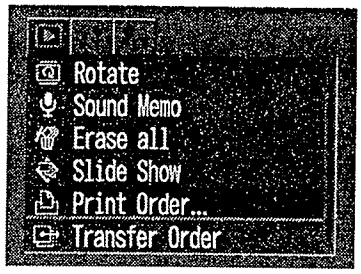
Setting the DPOF Print Settings

You can select images on an SD card for printing and specify the number of print copies in advance using the camera. This is extremely convenient for sending the images to a photo developing service or for printing on a direct print compatible printer (CP series) or a direct print compatible Bubble Jet printer.

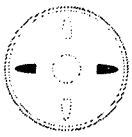
Selecting Images for Printing

There are two ways to select images.

- Singly
- All images on an SD card (the number of print copies is set to one per image)

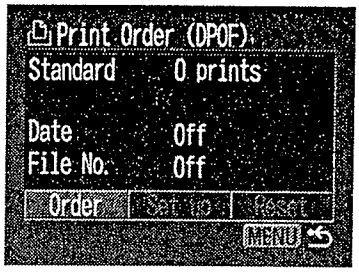


SET



1 **In the ▶ (Play) menu, select 🖨 and press the SET button.**

See *Selecting Menus and Settings* (p. 44).



SET

2 **Use the ◄/► button to select [Order] and press the SET button.**



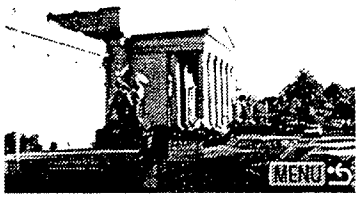
Number of Print Copies





Selected for an Index Print





MENU



3 Select images for printing.

As shown below, selection methods differ according to the options chosen for the (Print Type) settings (p. 134).

(Standard)/ (Both)

Use the ◄/► button to select an image and the ▲/▼ button to select the number of print copies (up to maximum of 99).

(Index)

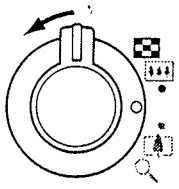
Use the ◄/► button to move to an image and the ▲/▼ button to select or deselect it. A checkmark displays on selected images.

You can press the zoom lever toward to switch to the index mode (3 images) and use the same procedures to select images.

4 Press the MENU button.

The Print Order menu will reappear. Pressing the **MENU** button again returns to the Play menu. Press it again to go back to the Play screen.

All the Images on an SD Card



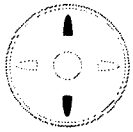
3 Press the zoom lever toward ▪▪.

The display switches to index replay (3 images).

SET



4 Press the SET button.





SET



5 Use the ▲/▼ button to select [Mark all] and press the SET button.

- One copy is set to print for each image.
- When the print type is set to ▪ (Standard) or ▪▦ (Both), the number of print copies can be set individually for each image. When ▦ (Index) is selected, the print settings can be deleted.
- You can cancel all the settings by selecting [Clear all].

MENU



6 Press the MENU button.

The Print Order menu will reappear. Pressing the **MENU** button again returns to the Play menu. Press it again to go back to the Play screen.

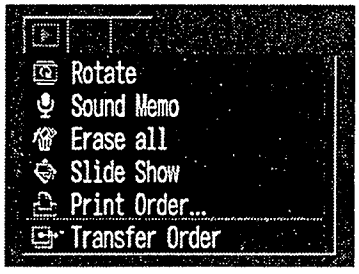
- The ⚠ symbol will display on images that have had print settings set by other DPOF-compliant cameras. These settings will be overwritten by those set by your camera.
- The output of some printers or photo developing services may not reflect the specified print settings.
- Print settings cannot be set for movie images.

- Images are printed in order from oldest to newest by the shooting date.
- A maximum of 998 images can be selected per SD card.
- When [Both] is selected, the number of print copies can be set, but it applies to Standard prints only. The Index setting only produces one print copy.
- Print settings can also be assigned to images with the bundled software on a computer.

Setting the Print Style

Set the print style after selecting the image to print. The following print settings can be selected.

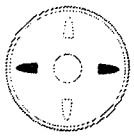
Print Type	Standard	Prints one image per page.
	Index	Prints the selected images together at a reduced size in an index format.
	Both	Prints the images in both the standard and index formats.
Date		Adds the date to the print.
File No.		Adds the file number to the print.

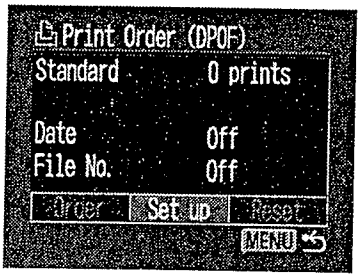




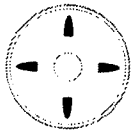
1 In the (Play) menu, select and press the SET button.

See *Selecting Menus and Settings* (p. 44).

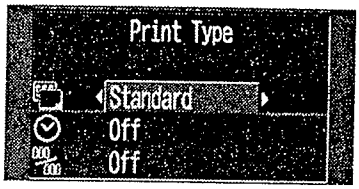


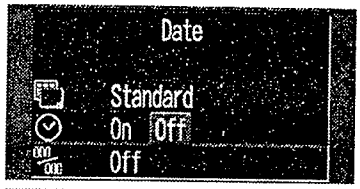


SET



2 Use the ◄/► button to select [Set up] and press the SET button.







3 Use the ▲/▼ button to select 🖼, 🕐 or 000/000 and the ◄/► button to select an option.

🖼 **(Print Type)**

Select [Standard], [Index] or [Both].

🕐 **(Date)**

Select [On] or [Off].

000/000 **(File No.)**

Select [On] or [Off].

MENU

4 Press the MENU button.

The Print Order menu will reappear. Pressing the **MENU** button again returns to the Play menu. Press it again to go back to the Play screen.



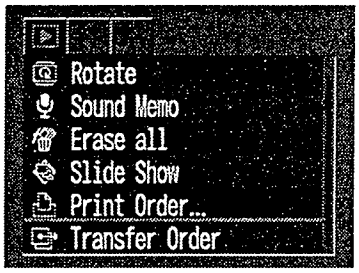
The date prints in the format specified in the Date/Time menu (p. 28).



When the print type is set to [Index], only one or the other of the [Date] and [File No.] options can be set to [On] at the same time.

Resetting the Print Settings

The print settings can all be removed at once. The print type resets to Standard and the Date and File No. options to Off.

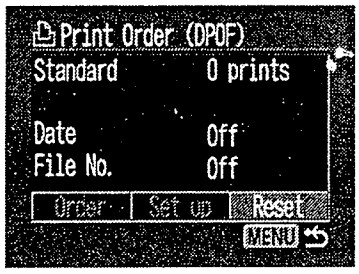


SET

1 In the ▶ (Play) menu, select 🖨 and press the SET button.

See *Selecting Menus and Settings* (p. 44).

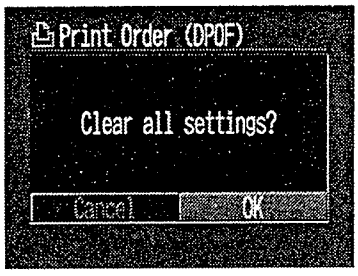




SET

2 Use the ◄/► button to select [Reset] and press the SET button.





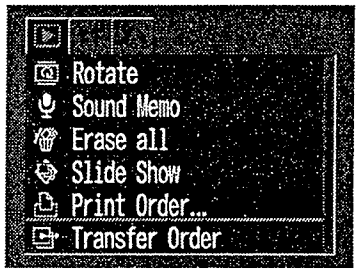
SET

3 Use the ◄/► button to select [OK] and press the SET button.

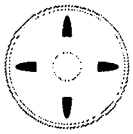
To exit without resetting, select [Cancel].

Printing with DPOF Print Settings

The DPOF print settings can be used to print on a direct print compatible printer (CP series) or a direct print compatible Bubble Jet printer.

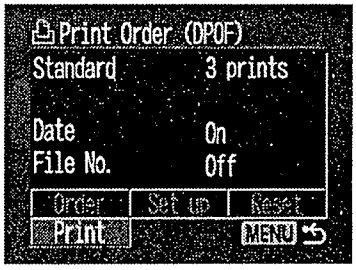


SET



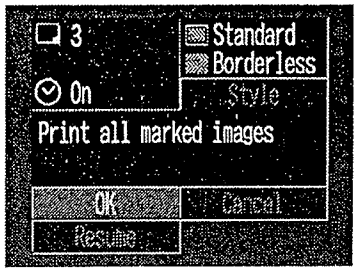
1 In the ▶ (Play) menu, select 🖨 and press the SET button.

See *Selecting Menus and Settings* (p. 44).



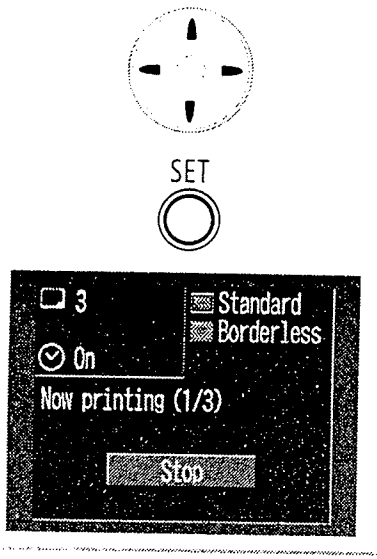
SET

2 Use the ▲/▼/◄/► button to select [Print] and press the SET button.



3 Set the print style as required.

- Use the ▲/▼/◄/► button to select [Style] and press the **SET** button.
- See *Setting the Print Style* (p. 126).



4 Use the ▲/▼/◄/► button to select [OK] and press the SET button.

The image will start to print and, when it is successfully concluded, the replay screen will reappear.

- To include the date in the prints, set the Date setting in the Set up menu in Step 2 on the previous page to [On]. You cannot set the date to print with the Style menu in Step 3 on the previous page. Please note however, that the date will not print if the print type is set to Index even if it is turned On in Step 2.
- When the print type is set to [Both], it is possible to have both the [Date] and [File No.] options set to [On], but only the file number will print on the Index print. (Bubble Jet printers cannot print the date or file number on Index prints.)
- When the print type is set to [Standard], file numbers will not be printed even if they are set to [On].

The maximum number of images printed on one page in the Index print type depends upon the selected paper size.
(Please refer to your Bubble Jet printer *Quick Start Guide* for an explanation of the number of images printed with a Bubble Jet printer.)

- Card Size : 20 images
- L Size : 42 images
- Postcard Size : 63 images

See *Canceling Printing* (p. 125).

Restarting Printing

- In the Print Order menu, use the ◄/► button to select [Resume] and press the **SET** button. The remainder of the selected images will print. Printing may not restart correctly when the SD card is write-protected.
- Printing cannot be resumed under the following circumstances:
 - If the print settings were changed before printing is restarted.
 - If images with print settings were deleted before printing is restarted.
 - If there was insufficient spare capacity on the SD card when printing was halted.

 Under these circumstances, you can select [OK] in the Print menu and reprint starting from the first image.
 If printing was stopped because of a low battery charge, you are recommended to resume printing using the AC Adapter Kit ACK900 (sold separately). If you do use a battery pack, ensure that it is fully charged. Remember to turn the camera power on again before printing.

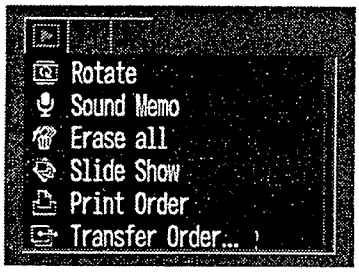
See *Printing Errors* (p. 125).

Image Transmission Settings (DPOF Transfer Order)

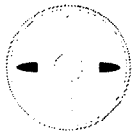
You can use the camera to specify settings for images before downloading to a computer.
The settings used on the camera comply with the Digital Print Order Format (DPOF) standards.

The ⚠ symbol will display on images that have had transmission settings set by other DPOF-compliant cameras. These settings will be overwritten by those set by your camera.

Selecting Images for Transferring

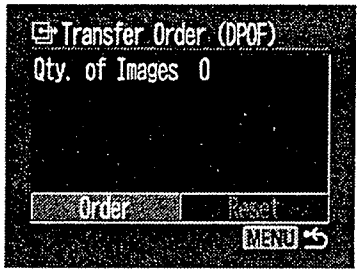


SET



1 In the ▶ (Play) menu, select and press the SET button.

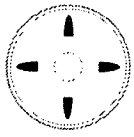
See *Selecting Menus and Settings* (p. 44).



SET

2 Use the ◄/► button to select [Order] and press the SET button.

Selecting [Reset] cancels the transfer settings for all images on the SD card.



Selected for Transfer



3 Use the ◄/► button to move between images and the ▲/▼ button to select or deselect them.

- A checkmark displays on selected images.
- You can press the zoom lever toward ▪▪ to switch to the index mode (3 images) and use the same procedures to select images.
- While in index replay, pressing the **SET** button displays the menu for selecting or deselecting all images. Use the ▲/▼ button to select [Select all] or [Clear all] and press the **SET** button.

MENU



4 Press the MENU button.

The Transfer Order menu reappears. Pressing the **MENU** button again returns to the Play menu. Press it again to go back to the Play screen.

- Images are transferred in order from oldest to newest by the shooting date.
- A maximum of 998 images can be selected per SD card.

Downloading Images to a Computer

Download images taken with the camera to a computer in one of the following ways:

- **Connect the camera to a computer with the USB cable**

 You can then download images directly from the camera to a computer.

- **Directly from the SD card**

 Using a laptop computer or a card reader, you can download images directly from the SD card.

Connecting the Camera to a Computer via the USB cable

After the software is installed, you can use it to easily download images and print them or send them by email.

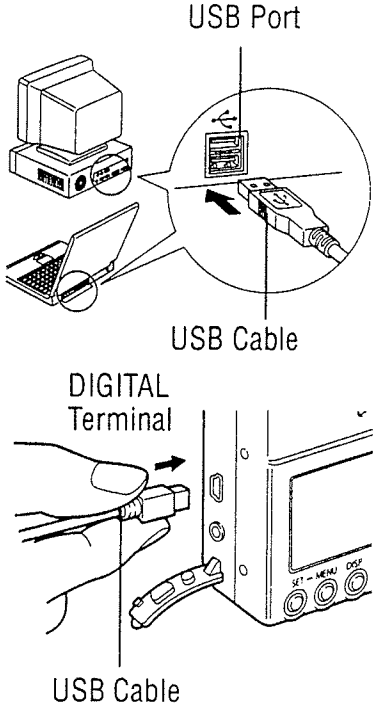
IMPORTANT

You must install the software and driver bundled on the supplied Canon Digital Camera Solution Disk onto your computer if you are using any of the following operation systems:
Windows 98 (including Second Edition)/Windows 2000/Windows Me/ Mac OS 9.0 - 9.2

The camera will not operate correctly if you connect it to your computer before installing the driver and software. If this happens, please refer to the *Troubleshooting* section of the *Software Starter Guide*.

1 Install the driver and the software applications bundled on the Canon Digital Camera Solution Disk.

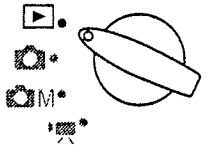
Please see the *Software Starter Guide* for information on system requirements and installation instructions.



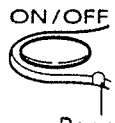
2 Connect the supplied USB interface cable to the computer's USB port and the camera's DIGITAL terminal.

To connect to the DIGITAL terminal of the camera, slip your fingernail under the edge of the terminal cover to open it, then insert the connector until you hear it click into place.

- You do not need to turn off the computer or camera when making a USB connection.
- Please refer to your computer's manual for information regarding the location of the USB port.



1 Turn the camera's mode switch to ▶ (Replay).

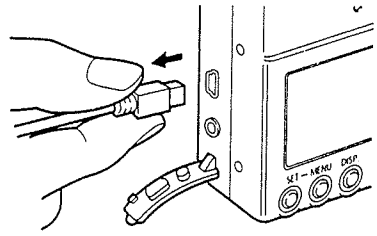


2 Press the ON/OFF button until the power lamp lights green.

The LCD monitor will turn on in replay mode and then blank out when the connection to the computer is complete.

Please refer to the *Software Starter Guide* for the subsequent procedures.

Ensure that you grip the connector's sides when you detach the cable from the camera's DIGITAL terminal.



Downloading Images without Installing the Software

(Windows XP and Mac OS X (v10.1/10.2) only)

If you are using the Windows XP or Mac OS X (v10.1/10.2), you can use the software distributed with these operating systems to download images (JPEG format only) without installing the software bundled on the Canon Digital Camera Solution Disk. This is useful for downloading images to a computer in which the software is not installed.
However, please note that there are certain limitations to downloading with this method. For more details, please refer to the supplied *For Windows XP and Mac OS X Users* leaflet.

1 Connect the supplied USB interface cable to the computer's USB port and the camera's DIGITAL terminal (p.143, step 2).

2 Follow the onscreen instructions to download the images.

- It is recommended to power the camera from a household power outlet with the AC Adapter Kit ACK900 (sold separately) when connected to a computer (p. 166).
- All procedures performed with a connection to a USB 2.0 compliant board are not guaranteed.

Downloading Directly from an SD Card

1 Eject the SD card from the camera and insert it into an SD card reader connected to the computer.

Refer to your card adapter's or card reader's manual for information regarding the connection between the computer and card adapter or card reader.

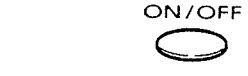
2 Double-click the icon of the drive containing the SD card.

3 Copy the SD card's images to the desired folder on the hard disk.

The images are contained in the [XXXCANON] folder, which is a subfolder of the [DCIM] folder on the SD card. The XXX represents a number from 100 to 998 (p. 92).

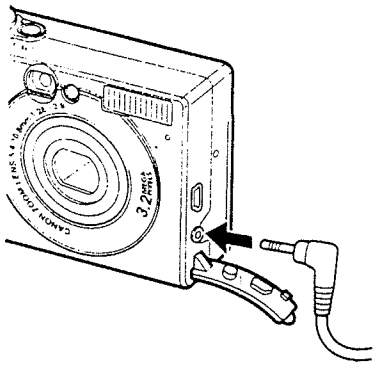
Shooting/Replaying with a TV

You can use a video-compatible television as a monitor to shoot or replay images when it is connected to the camera with the supplied AV Cable AVC-DC100.



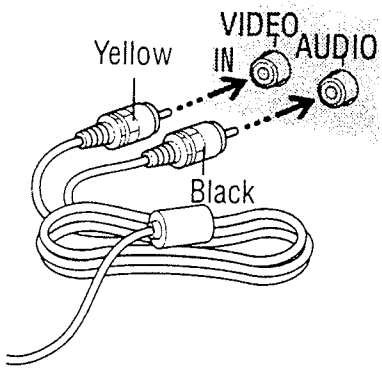
1 Press the ON/OFF button to turn the camera off.

Also turn the television off.



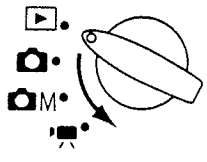
2 Connect the AV cable to the camera's A/V OUT terminal.

Slip your fingernail under the edge of the terminal cover to open it and insert the cable securely.



3 Plug the other ends of the AV cable to the VIDEO IN and AUDIO IN jacks on the TV.

4 Turn on the TV and switch it to Video mode.



5 Turn the mode switch to select Shooting mode or Replay mode.



6 Press the ON/OFF button until the power lamp lights green.

- The image will appear on the TV. Shoot or replay images as usual.
- If the images are not appearing on the TV when shooting, press the **DISP.** button.

- A TV set cannot be used in stitch assist.
- No image will appear on the LCD monitor when the camera is connected to a TV.
- If the TV is a stereo model, you can plug the audio plug into either the left or right Audio In jack. Please refer to the TV's manual for details.

The video output signal can be switched (NTSC or PAL) to accommodate different regional standards. The default setting varies between regions.

- NTSC: Japan, U.S.A., Canada, Taiwan, etc.
- PAL: Europe, Asia (excluding Taiwan), Oceania, etc.

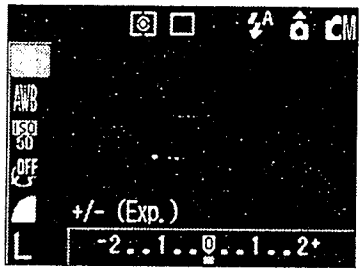
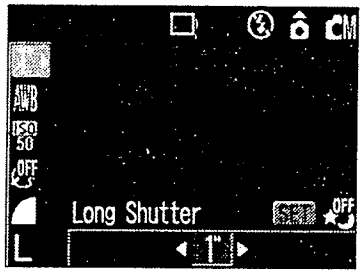
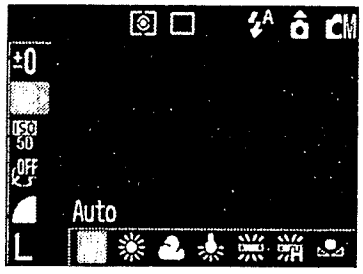
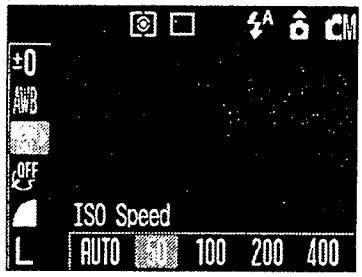
If the video system is set incorrectly, the camera output may not display properly.

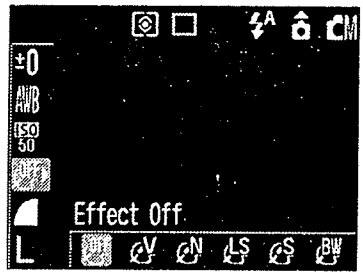
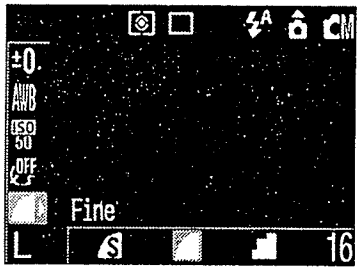
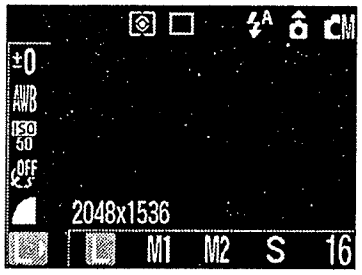
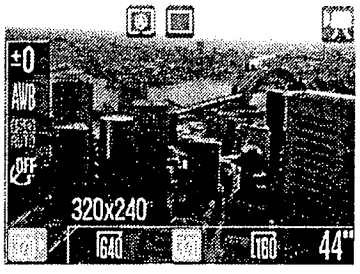
Lists of Menu Options and Messages

The following charts list the various menu contents. See *Selecting Menus and Settings* (p. 44) to learn how to select a setting.

FUNC. Menu

*Default setting

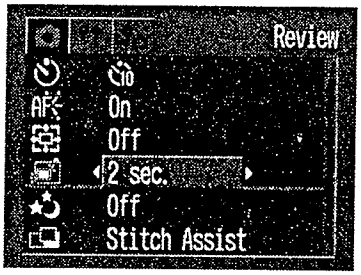
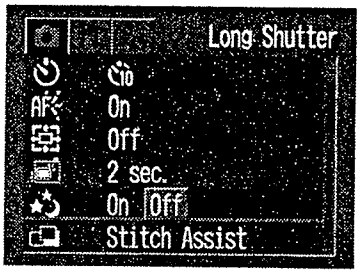
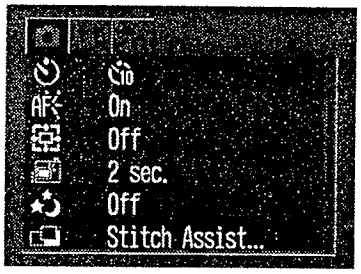
Item/Menu Screen	Options	Reference Page
Exposure Compensation 	Sets the exposure compensation. • -2 to ±0* to +2	p. 82
Long Shutter 	Sets the shutter speed. • 1* to 15 seconds	p. 83 p. 151
White Balance 	Sets the white balance option. • AWB Auto* • Daylight • Cloudy • Tungsten • Fluorescent • Fluorescent H • Custom	p. 85
ISO Speed 	Sets the sensitivity at which images are recorded. • AUTO • 50* • 100 • 200 • 400	p. 89

Item/Menu Screen	Options	Reference Page
Photo Effect 	Sets the photo effect. • Effect Off* • Vivid • Neutral • Low Sharpening • Sepia • BW	p. 88
Compression (Stills) 	Sets the relative compression ratio used for images. • Superfine • Fine* • Normal	p. 61
Resolution (Stills) 	Sets the number of pixels used for images. • (Large)* 2048 x 1536 pixels • (Medium 1) 1600 x 1200 pixels • (Medium 2) 1024 x 768 pixels • (Small) 640 x 480 pixels	p. 61
Resolution (Movies) 	Sets the number of pixels used for movies. • 640 x 480 pixels • 320 x 240 pixels* • 160 x 120 pixels	

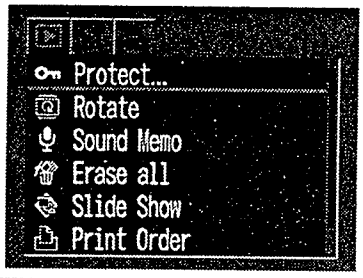
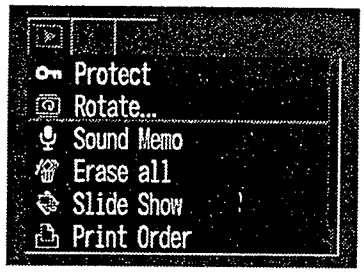
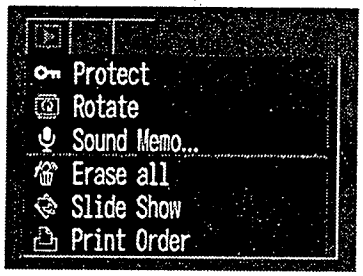
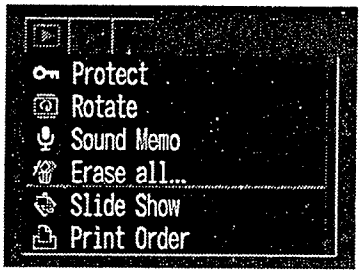
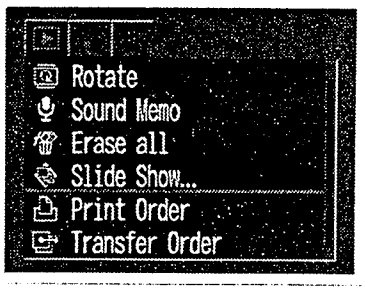
Rec. Menu

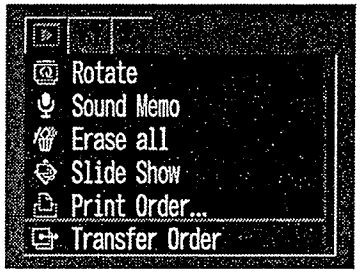
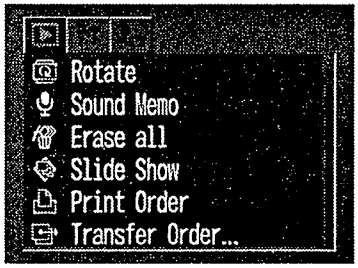
*Default setting

Item/Menu Screen	Options	Reference Page
AiAF AiAF	Sets whether or not the camera automatically selects the AF frame or a fixed center AF frame. • On* • Off	p. 80
Self-timer Self-timer	Sets the duration of the self-timer delay. • 10 seconds* • 2 seconds	p. 69
AF-assist Beam AF-assist Beam	Sets the AF-assist Beam to on or off. • On* • Off	p. 43
Digital Zoom Digital Zoom	Sets whether or not the optical zoom is supplemented by digital processing. • On • Off*	p. 67

Item/Menu Screen	Options	Reference Page
Review 	Sets the duration images display on the LCD monitor after the shutter button releases. • Off • 2* to 10 seconds (1-second increments)	p. 60
Long Shutter 	Sets the shutter speed to slow settings. • On • Off*	p. 83
Stitch Assist 	Images are shot in overlapping series to create single panoramic images. • Left to right* • Right to left	p. 73

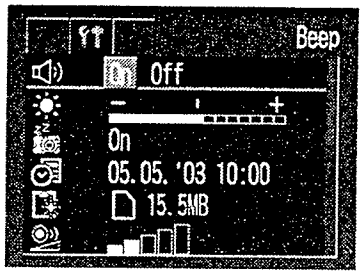
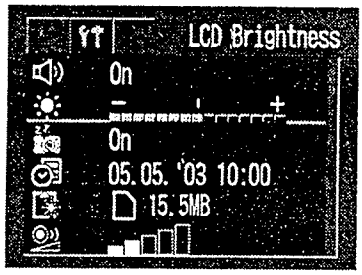
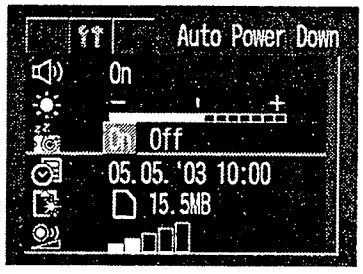
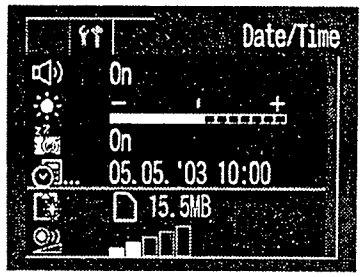
Play Menu

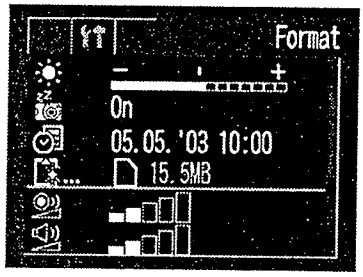
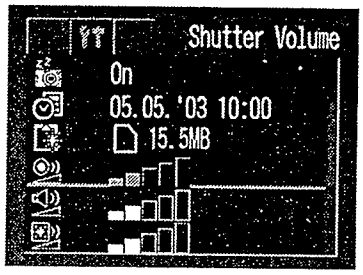
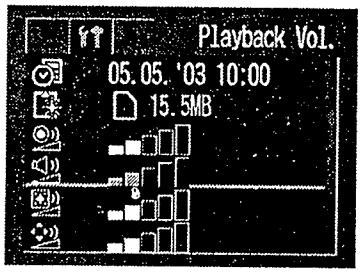
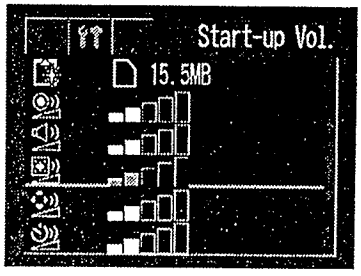
Item/Menu Screen	Options	Reference Page
Protect 	Protects images from accidental erasure.	p. 112
Rotate 	Rotates images clockwise 90° or 270° in the display.	p. 102
Sound Memo 	Adds sound memos to images.	p. 104
Erase all 	Deletes all images from an SD card (except for protected images).	p. 114
Slide Show 	Plays images in automated slide shows.	p. 107

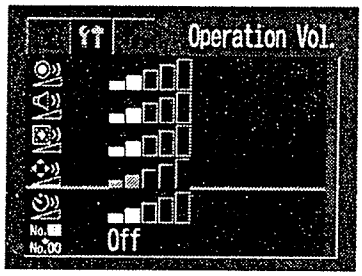
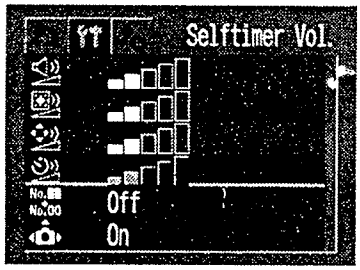
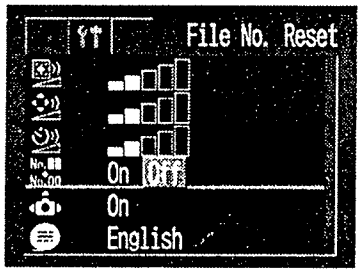
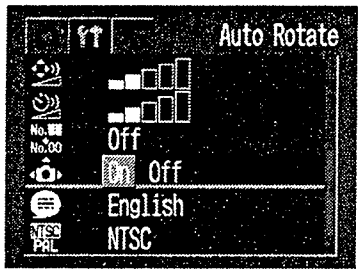
Item/Menu Screen	Options	Reference Page
Print Order 	Selects images and the number of print copies for output to a direct print compatible printer or photo developing service.	p. 131
Transfer Order 	Specifies settings for images before downloading to a computer.	p. 140

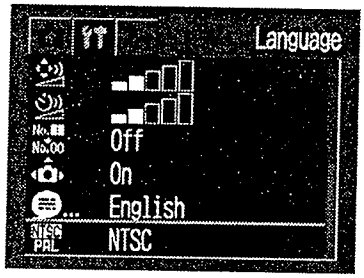
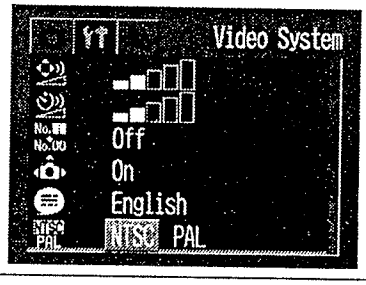
Set up Menu

*Default setting

Item/Menu Screen	Options	Reference Page
Beep 	Sets whether or not a beep sounds when the shutter button is pressed or when a menu operation is performed. See also "How the Beep in the (Set up) Menu and Sound in the (My Camera) Menu Interact" (p. 160). • On* • Off (Still beeps to warn of an error even when set to Off.)	–
LCD Brightness 	Adjust the LCD brightness of the LCD monitor. • -7 to 0* to +7 Use the ◄/► button to adjust the brightness. If you press the ▲/▼ button, the display returns to the Set up menu. You can check the brightness in the LCD monitor while you are adjusting the setting.	–
Auto Power Down 	Sets whether or not the camera automatically powers down after a set period of time elapses without something being pressed. • On* • Off	p. 33
Date/Time 	Sets the date and time and the date format.	p. 28

Item/Menu Screen	Options	Reference Page
Format 	Formats (initializes) SD cards.	p. 115
Shutter Volume 	Adjusts the volume of the sound played when the shutter releases. The shutter sound does not play when a movie is recording. • ▭▭▭▭ (Off) • ▬▭▭▭ (1) • ▬▬▭▭ (2)* • ▬▬▬▭ (3) • ▬▬▬▮ (4) • ▬▬▬▮ (5)	p. 43
Playback Vol. 	Adjusts the volume of movie sounds and sound memos. • ▭▭▭▭ (Off) • ▬▭▭▭ (1) • ▬▬▭▭ (2)* • ▬▬▬▭ (3) • ▬▬▬▮ (4) • ▬▬▬▮ (5)	p. 97 p. 104
Start-up Vol. 	Adjusts the volume of the start-up sound when the camera power is turned on. • ▭▭▭▭ (Off) • ▬▭▭▭ (1) • ▬▬▭▭ (2)* • ▬▬▬▭ (3) • ▬▬▬▮ (4) • ▬▬▬▮ (5)	p. 32

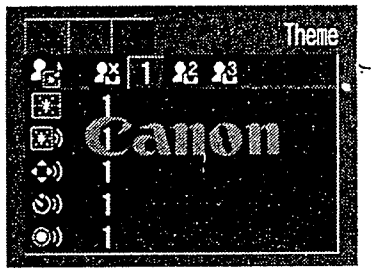
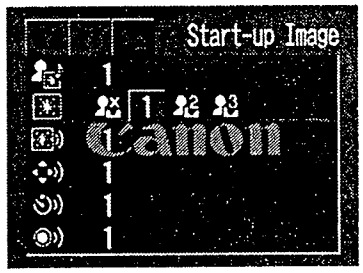
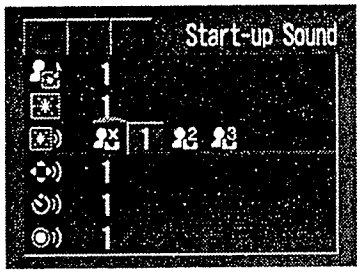
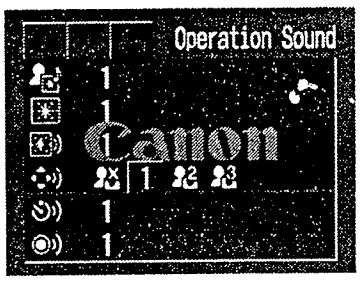
Item/Menu Screen	Options	Reference Page
Operation Vol. 	Adjusts the volume of the operation sound that beeps when any button other than the shutter button is pressed. • (Off) • (1) • (2)* • (3) • (4) • (5)	–
Selftimer Vol. 	Adjusts the volume of the self-timer sound played 2 sec. before the shutter is released. • (Off) • (1) • (2)* • (3) • (4) • (5)	p. 69
File No. Reset 	Sets how file numbers are assigned to images when new SD cards are inserted. • On • Off*	p. 91
Auto Rotate 	Sets whether or not images shot with the camera held vertically are automatically rotated in the display. • On* • Off	p. 90

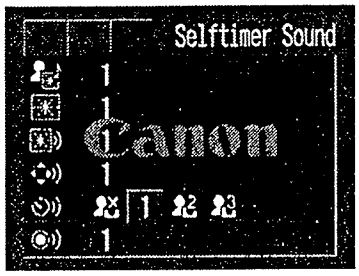
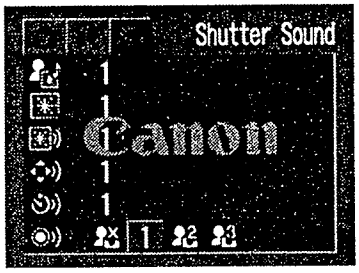
Item/Menu Screen	Options	Reference Page
Language 	Sets the language used in menus and messages on the LCD monitor. • English* • Italiano • Deutsch • Norsk • Français • Svenska • Nederlands • Español • Dansk • Chinese • Suomi • Japanese You can also change the language in replay mode by holding the **SET** button and pressing the **MENU** button.	p. 30
Video System 	Sets the video output signal standard. • NTSC • PAL	p. 146

My Camera Menu

You can select the theme, start-up image and sound, shutter sound, operation sound and selftimer sound used on this camera.
These are called the My Camera settings. You can also customize the 2 and 3 options for each item with images recorded on the SD card and newly recorded sounds or by using the supplied software.
See the *Software Starter Guide* for details.

*Default setting

Item/Menu Screen	Options	Reference Page
Theme 	Selects a common theme for each My Camera settings item.*1 • Off • 1 * • 2 • 3	p. 53
Start-up Image 	Sets the image displayed when the camera power is turned on. • Off • 1 * • 2 • 3	p. 53
Start-up Sound 	Sets the sound emitted when the camera power is turned on.*1 • Off • 1 * • 2 • 3	p. 53
Operation Sound 	Sets the sound emitted when any button other than the shutter button is pressed.*1 • Off • 1 * • 2 • 3	p. 53

Item/Menu Screen	Options	Reference Page
Selftimer Sound 	Sets the sound emitted 2 seconds before the shutter releases in self-timer mode.*1 • Off • 1 * • 2 • 3	p. 53
Shutter Sound 	Sets the sound emitted when the shutter button is pressed. There is no shutter sound for movies.*1 • Off • 1 * • 2 • 3	p. 53

*1For more information, see How the Beep in the (Set up) Menu and Sounds in the (My Camera) Menu Interact (p. 160).

- **How the Beep in the [Set up] (Set up) Menu and Sounds in the [My Camera] (My Camera) Menu Interact**

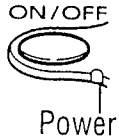
To turn off each sound, such as the start-up sound, shutter sound, operation sound and selftimer sound, the beep must first be set to [Off] in the [Set up] (Set up) menu and then each sound item must be set individually to [Off]. If the beep is set to [On], a beep will sound for each item even if it is set to [Off] in the [My Camera] (My Camera) menu.
For details, see the table below.

		Beep Settings in the [Set up] (Set up) Menu	
		On	Off
Sounds in the [My Camera] (My Camera) Menu (Start-up, shutter, operation, self-timer)	[My Camera]	●(Beep)	– (Off)
	[My Camera 1]	●[My Camera 1]	●[My Camera 1]
	[My Camera 2]	●[My Camera 2]	●[My Camera 2]
	[My Camera 3]	●[My Camera 3]	●[My Camera 3]

● Sound emitted
– Sound not emitted

Resetting Settings to Their Default Values

You can reset the menu and button settings to the default settings in one operation except for the Date/Time, Language and Video System settings.

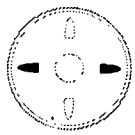


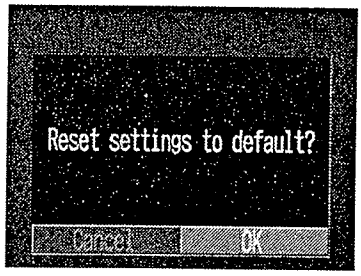
1 Press the ON/OFF button until the power lamp lights green.

Set the mode switch to any position.



2 Press and hold the MENU button for more than 5 seconds.







3 Use the ◄/► button to select [OK] and press the SET button.

To exit without resetting, select [Cancel].

- Settings cannot be reset when the camera is connected to a computer, to a direct print compatible printer (CP series, sold separately) or to a direct print compatible Bubble Jet printer (sold separately).
- The following cannot be reset.
 - White balance data recorded with the custom white balance function (p. 86).
 - Newly added My Camera settings (p. 55).

List of Messages during Shooting/Replaying

The following messages may appear on the LCD monitor while shooting or replaying.

Busy...	: Image is being recorded to, or read from, SD card.
No memory card	: You attempted to shoot or replay images without an SD card installed.
Card locked!	: The SD card is write-protected.
Cannot record!	: You attempted to shoot an image without an SD card installed.
Memory card error!	: SD card has experienced an anomaly.
Memory card full	: SD card is too full to accommodate more images or print settings.
Naming error!	: The file could not be created because there is a file with the same name as the directory that the camera is attempting to create, or the highest possible file number has already been reached. In the Rec. Menu, set the File Reset option to [On]. Save all the images you wish to retain onto a computer, then reformat the SD card. Please note that formatting will erase all the existing images and other data.
Change the battery pack	: Battery charge is insufficient to operate the camera. Replace it at once with a charged one or recharge the battery pack.
No image	: No images recorded on SD card.
Image too large	: You attempted to replay an image larger than 3200 x 2400 pixels or with a large file size.
Incompatible JPEG format.	: You attempted to replay an incompatible JPEG file.
Corrupted Data	: You attempted to replay an image with corrupted data.
RAW	: You attempted to replay an image recorded in the RAW format.

Unidentified Image	: You attempted to replay an image that was recorded in a special format (proprietary format used by the camera of another manufacturer, etc.) or a movie clip recorded by another camera.
Cannot magnify!	: You attempted to magnify an image which was photographed with another camera, recorded in a different format, or edited on a computer.
Cannot rotate	: You attempted to rotate an image which was photographed with another camera, recorded in a different format, or edited on a computer.
Incompatible WAVE format	: A sound memo cannot be added to this image since the format of the existing sound memo is incorrect.
Cannot register this image!	: You attempted to add a start-up image that was created with another camera.
Protected!	: You attempted to erase a protected image.
Too many marks	: Too many images have been marked with print settings, transfer settings or slide show settings. Cannot process any more.
Unselectable image	: You attempted to set the print settings for a non-JPEG file.
Exx:	: (xx: number) Camera malfunction. Turn the power off and then back on, then shoot or replay. A problem exists if the error code reappears. Note the number and contact your Canon Customer Support Help Desk. If an error code displays directly after taking a picture, the shot may not have been recorded. Check image in replay mode.

List of Messages Displayed while a Direct Print Compatible Printer (CP Series) is Connected

The following messages may appear on the camera's LCD monitor while a direct print compatible printer (sold separately) is connected. "Camera" refers to "digital camera or digital camcorder" throughout this section. (Some messages may not appear on some models.)

No Paper	: Paper cassette is empty or incorrectly installed. Paper feed may not be operating correctly.
No Ink	: The ink cassette is empty or missing.
Incompatible paper size	: You attempted to print with a paper size incompatible with this camera.
Incompatible ink size	: You attempted to print with an ink cartridge type incompatible with this camera.
Ink Cassette Error	: There is a problem with the ink cassette.
Paper and ink do not match	: The paper and ink are from different sets.
Paper Jam	: Paper jammed during printing.
Paper has been changed	: The paper size was changed between the time the Print Style menu was displayed and the time printing started.
Recharge the printer battery	: The printer's battery is out of power.
Communication Error	: A communication error has occurred.
Readjust trimming	: You attempted to print the image with a different style than the one used when the trimming settings were set.
Cannot print!	: You attempted to print an image shot by a different camera, one recorded in an incompatible format, or one downloaded to and edited with a computer.
Could not print XX imag	

List of Messages Displayed while a Direct Print Compatible Bubble Jet Printer is Connected

The following messages may appear on the camera's LCD monitor while a direct print compatible Bubble Jet printer (sold separately) is connected.

On Bubble Jet Printers with operation panels, check the error number displayed on the panel and refer to the Bubble Jet Printer *Quick Start Guide*.

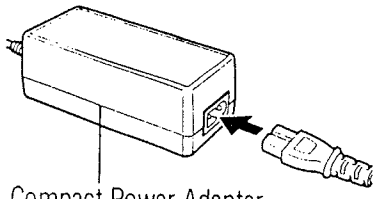
(Messages and error numbers may not appear on some models.)

Printer in use	: Printer is busy printing from a memory card in computer or printer. : Printer will automatically start printing from camera when the current print queue empties.
Printer warming up	: Printer is warming up. When it is ready, the printer will start printing automatically.
No printhead	: No printhead installed in printer.
Printer cover open	: Secure the printer front cover.
Media type error	: You selected a paper type incompatible with the printer. Select a compatible paper type in the Print Style menu.
Paper lever error	: Adjust the paper thickness lever to the proper position.
Low ink level	: Ink tank needs replacement soon. Prepare a new ink tank. Select [Continue] in the error message to resume printing.
(This message will not appear on some models.)	
Waste tank full	: Restart printing by pressing RESUME/CANCEL button on printer, but request a replacement waste ink tank from a service center (see printer *Quick Start Guide* or the Contact List provided with the printer) soon.
Printer error	: Turn printer off and on again. If error persists, consult service center listed in printer *Quick Start Guide* or in the Contact List provided with the printer.

Using an AC Adapter Kit (Sold Separately)

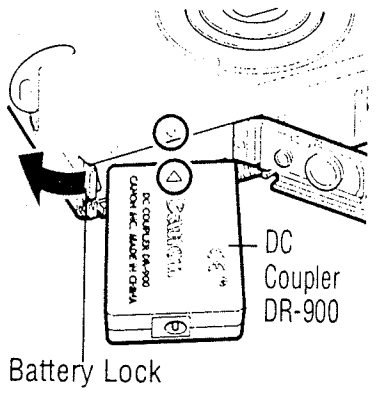
It is best to power the camera with AC Adapter Kit ACK900 (sold separately) when you are using it for long periods of time or connecting it to a computer.

Turn the camera power off before connecting or disconnecting the AC adapter.



Compact Power Adapter
CA-PS500

1 Connect the power cord to the compact power adapter first and then plug the other end into the power outlet.

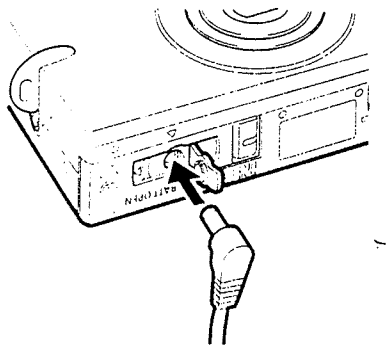


DC Coupler DR-900

Battery Lock

2 Open the SD slot/battery cover, then insert the DC coupler until it is locked.

- Insert the DC coupler while pressing the battery lock as the arrow shows.
- Slide the SD card slot/battery cover closed.



3 Open the DC coupler terminal cover and attach the cord to the DC terminal.

After you have finished using the camera, unplug the AC adapter from the power outlet.

Use of an AC adapter kit other than ACK900 (sold separately) may cause a malfunction in the camera or kit.

Camera Care and Maintenance

Use the following procedures to clean the camera body, lens, viewfinder and LCD monitor.

Never use thinners, benzene, synthetic cleansers or water to clean the camera. These substances may distort or damage the equipment.

Camera Body

Gently wipe dirt off the camera body with a soft cloth or eyeglass lens wiper.

Lens

First use a lens blower brush to remove dust and dirt, then remove any remaining dirt by wiping the lens lightly with a soft cloth.

Never use synthetic cleansers on the camera body or lens. If dirt remains, contact the closest Canon Customer Support Help Desk as listed on the separate Canon Customer Support leaflet.

Viewfinder and LCD Monitor

Use a lens blower brush to remove dust and dirt. If necessary, gently wipe with a soft cloth or an eyeglass lens wiper to remove stubborn dirt.

Never rub or press strongly on the LCD monitor. These actions may damage it or lead to other problems.

Problem	Cause	Solution
Camera will not operate	Power is not turned on	• Press the **ON/OFF** button for a moment.
	SD card slot/battery cover is open	• Confirm that SD card slot/battery cover is securely closed.
	Insufficient battery voltage	• Insert a fully charged battery into the camera. • Use the AC Adapter Kit ACK900 (sold separately).
	Poor contact between camera and battery terminals	• Wipe the terminals with a clean dry cloth.
Camera will not record	Mode switch is set to ▶ (Replay)	• Set the mode switch to , M or .
	Flash is charging	• Wait until the flash charges. You can press the shutter button when the upper indicator beside the viewfinder lights orange.
	SD card is full	• Insert a new SD card. • If required, download the images to a computer and erase them from the SD card to make space.
	SD card is not formatted correctly	• Format SD card. ➡(See *Formatting SD Cards* (p. 115).) • If reformatting does not work, the SD card logic circuits may be damaged. Consult the nearest Canon Customer Support Help Desk.
	The SD card is write-protected.	• Slide the write protect tab of the SD card upward (p. 25).

Problem	Cause	Solution
Lens will not retract	SD card slot/battery cover was opened with power on	• First close the SD card slot/battery cover and then turn the power off.
	SD card slot/battery cover was opened while recording to the SD card (warning signal sounds)	• First close the SD card slot/ battery cover and then turn the power off.
Battery pack consumed quickly	Battery life exceeded if battery pack loses its charge quickly at normal temperature (23 °C/73 °F)	• Replace the battery pack with a new one.
Battery pack will not charge	Battery pack life exceeded	• Replace the battery pack with a new one.
	Poor contact between battery pack and battery charger	• Insert battery pack securely into battery charger. • Ensure that battery charger plug is securely plugged into the power outlet.
Image is blurred or out of focus	Camera moved	• Be careful not to move the camera while pressing the shutter button.
	Autofocus function hampered by obstruction to AF-assist Beam	• Be careful not to block the AF-assist Beam with fingers or other items.
	AF-assist Beam is set to [Off]	• Set the AF-assist Beam to [On] (p. 150).

Problem	Cause	Solution
Image is blurred or out of focus	Subject is out of focal range	• Ensure there is at least 47 cm (1.5 ft.) between the camera lens and subject. • Use the Macro mode to shoot close-ups between 23 and 47 cm (9 in. to 1.5 ft.) from the lens (10 cm (3.9 in.) when set to wide angle). • Use the Infinity mode to shoot distant subjects.
	The subject is hard to focus on	• Use the focus lock to shoot. ➡(See *Locking the Focus (AF Lock)* (p. 76).)
Subject in recorded image is too dark	Insufficient light for shooting	• Set the flash to on.
	Subject is dark in contrast to the background	• Set the exposure compensation to a positive (+) setting or use the spot metering function.
	Subject is too far away for flash to reach	• Shoot within 3 m (9.8 ft.) of the subject at the maximum wide angle or 2 m (6.6 ft.) of the subject at the telephoto end setting when using the flash.
Subject in recorded image is too bright	Subject is too close, making the flash too strong	• When using the flash, stay at least 47 cm (1.5 ft.) from the subject.
	Subject is bright in contrast to the background	• Set the exposure compensation to a negative (-) setting or use the spot metering function.
	Light is shining directly on the subject or reflected off the subject into the camera	• Change the shooting angle.
	Flash is set to on	• Set the flash to off.

Problem	Cause	Solution
A bar of light (red, purple) appears on the LCD monitor	Subject is too bright	• This is a normal occurrence in devices containing CCDs and does not constitute a malfunction. (This bar of light will not be recorded when shooting still photos, but it will be recorded when shooting movies.)
White dots appear on the image	Light from the flash has reflected off dust particles or insects in the air. (This is especially noticeable when shooting at wide angle.)	• This is a phenomenon that occurs with digital cameras and does not constitute a malfunction.
Flash does not fire	Flash is set to off	• Set the flash to on.
Image not showing on TV monitor	Incorrect video system setting	• Set the video system to the appropriate setting, NTSC or PAL, for your TV (p. 157).
	Shooting in stitch assist	• The output will not appear on a TV in stitch assist. Cancel the stitch assist.
Zoom does not work	Zoom lever pressed during movie recording	• Adjust the zoom before shooting a movie.
Reading images from SD card is slow	SD card was formatted in another device	• Use an SD card formatted in your camera. ➡(See *Formatting SD Cards* (p. 115).)
Recording images to SD card takes a long time		

Specifications

All data is based on Canon's standard testing methods. Subject to change without notice.

DIGITAL IXUS II

Camera Effective Pixels	: Approx. 3.2 million
Image Sensor:	: 1/2.7 in. CCD (Total number of pixels: approx. 3.3 million)
Lens	: 5.4(W) - 10.8(T) mm (35 mm film equivalent: 35-70 mm) F2.8 (W) - 3.9 (T)
Digital Zoom	: Maximum approx. 3.2 x (Maximum approx. 6.4 x with optical zoom)
Optical Viewfinder	: Real-image optical zoom viewfinder
LCD Monitor	: 1.5 in. low-temperature polycrystalline silicon TFT color LCD, approx. 118,000 pixels
Autofocus	: TTL 9-point AiAF/TTL 1-point center AF Focus lock possible
Focusing Range (From end of lens)	: Normal: 47 cm (1.5 ft.) - ∞ Macro AF: 10-47 cm (3.9 in. - 1.5 ft.) (W) 23-47 cm (9 in. - 1.5 ft.) (T)
Shutter	: Mechanical + electronic
Shutter Speed	: 15-1/1500 sec. • 15-1 sec. possible in long shutter mode • Noise reduction processing on speeds between 15-1.3 sec.
Light Metering System	: Evaluative metering/Center-weighted averaging/ Spot metering
Exposure Control	: Program AE
Exposure Compensation	: +/- 2 stops in 1/3-stop increments
Sensitivity	: Auto/ISO 50/100/200/400 equivalents
White Balance	: TTL auto/preset (daylight, cloudy, tungsten, fluorescent, fluorescent H) or custom white balance
Flash	: Red-eye reduction auto/auto/on/off/slow-synchro

Flash Shooting Range	: Normal mode: 47 cm - 3.0 m (1.5 - 9.8 ft.) (W) 47 cm - 2.0 m (1.5 - 6.7 ft.) (T) Macro Mode: 27-47 cm (10.6 in. - 1.5 ft.) (W/T)
Shooting Modes	: Auto/manual/stitch assist/movie
Continuous Shooting	: Approx. 2.2 images/sec. (Large/Fine mode, LCD monitor off)
Self-timer	: Shoots after approx. 10 sec. or approx. 2 sec.
PC Connected Shooting	: Available (USB connection only. Exclusive software program "RemoteCapture" is included in the camera kit.)
Recording Media	: SD memory card
File Format	: Design rule for Camera File System, DPOF-compliant
Image Recording Format	: Still images: JPEG (Exif 2.2)*1 : Movies: AVI -Image data: Motion JPEG -Audio data: WAVE (monaural)
Compression	: Superfine/fine/normal
Number of Recording Pixels	: Still images: Large: 2048 x 1536 pixels Medium 1: 1600 x 1200 pixels Medium 2: 1024 x 768 pixels Small: 640 x 480 pixels : Movies: 640 x 480 pixels (Approx. 30 sec.)*2 320 x 240 pixels (Approx. 3 min.) 160 x 120 pixels (Approx. 3 min.) Approx. 15 frames/sec. The data in parentheses refer to the maximum movie length per clip.
Replay Modes	: Single image replay/index replay (9 thumbnails)/ magnified replay (LCD monitor zooms images up to 10 x)/slide show/printing with Card Photo Printer CP-100, CP-10 or Bubble Jet Printer (Direct Print)
Display Languages	: English, Deutsch, Français, Nederlands, Dansk, Suomi, Italiano, Norsk, Svenska, Español, Chinese and Japanese

(W): wide angle (T): telephoto

My Camera Settings (Customizing)	: Start-up image, start-up sound, operation sound, self-timer sound and shutter sound can be customized with the following procedures. 1. Using the images and sounds recorded on the camera. 2. Using the downloaded data from your computer using the supplied software.
Interface	: USB (mini-B, PTP (Picture Transfer Protocol)), Audio/Video output (NTSC or PAL selectable, Monaural audio)
Power Source	: Rechargeable Lithium-ion battery (type: NB-3L) AC Adapter Kit ACK900
Operating Temperatures	: 0 to 40 °C (32 to 104 °F)
Operating Humidity	: 10 to 90 %
Dimensions (w x h x d)	: 85.0 x 56.0 x 23.9 mm (3.3 x 2.2 x 0.9 in.) (excluding protrusions)
Weight	: Approx. 165 g (5.8 oz.) (camera body only)

*1 This digital camera supports Exif 2.2 (also called "Exif Print"). Exif Print is a standard for enhancing the communication between digital cameras and printers. By connecting to an Exif Print-compliant printer, the camera's image data at the time of shooting is used and optimized, yielding extremely high quality prints.

*2 Maximum recording time per movie clip when using the separately sold SDC-128M SD card (not sold in some regions).

Battery Capacity

Battery Pack NB-3L (fully charged)

Number of recordable images	LCD monitor on	Approx. 180 images
	LCD monitor off	Approx. 480 images
Replay		Approx. 150 minutes

* Excludes movie data.
* At low operating temperatures, battery pack performance may be reduced and the low battery icon may appear earlier than usual. Under these conditions, resuscitate the battery pack by warming it in a pocket immediately before use.

Test Criteria

Shooting: Normal temperature (23 °C/73 °F), alternating between wide angle and telephoto every 20 seconds, flash used once in four shots, power turned off and on again after every eighth shot, LCD monitor set to default brightness.

Replaying: Normal temperature (23 °C/73 °F), continuous replay at 3 seconds per image, LCD monitor set to default brightness.

SD Cards and Estimated Capacities

		SDC-16M	SDC-128M
L (2048 x 1536 pixels)	SF	8	76
	F	15	136
	N	30	269
M1 (1600 x 1200 pixels)	SF	13	121
	F	24	216
	N	46	411
M2 (1024 x 768 pixels)	SF	23	211
	F	41	372
	N	73	651
S (640 x 480 pixels)	SF	51	460
	F	80	711
	N	126	1117
Movie	640 (640 x 480 pixels)	13 seconds	123 seconds
	320 (320 x 240 pixels)	40 seconds	355 seconds
	160 (160 x 120 pixels)	98 seconds	869 seconds

- The maximum movie clip length is approximately 640 : 30 sec*., 320 : 3 min., 160 : 3 min. The times shown are the maximum continuous recording times.
 * When using the separately sold SDC-128M SD card (not sold in some regions)
- L (Large), M1 (Medium 1), M2 (Medium 2), S (Small), 640, 320 and 160 indicate the recording resolution.
- SF (Superfine), F (Fine) and N (Normal) indicate the compression setting.

Image File Sizes (Estimated)

Resolution		Compression		
		S		
L	(2048 x 1536)	1602 KB	893 KB	445 KB
M1	(1600 x 1200)	1002 KB	558 KB	278 KB
M2	(1024 x 768)	570 KB	320 KB	170 KB
S	(640 x 480)	249 KB	150 KB	84 KB
Movies	640 (640 x 480)	990 KB/sec.		
	320 (320 x 240)	330 KB/sec.		
	160 (160 x 120)	120 KB/sec.		

SD Memory Card

Interface	: Compatible with SD memory card standard
Dimensions	: 32.0 x 24.0 x 2.1 mm (1.3 x 0.9 x 0.1 in.)
Weight	: Approx. 2 g (0.1 oz.)

Battery Pack NB-3L

Type	: Rechargeable Lithium Ion Cell
Nominal Voltage	: 3.7 V
Typical Capacity	: 790 mAh
Cycle Life	: Approx. 300 times
Operating Temperatures	: 0 to 40 °C (32 to 104 °F)
Dimensions	: 32.0 x 44.8 x 9.0 mm (1.3 x 1.8 x 0.4 in.)
Weight	: Approx. 22 g (0.8 oz.)

Battery Charger CB-2LU/CB-2LUE

Rated Input	: 100-240 V AC (50/60 Hz) 0.085 A (100 V)-0.05 A (240 V)
Rated Output	: 4.2 V DC/0.7 A
Charging Time	: Approx. 95 minutes
Operating Temperatures	: 0 to 40 °C (32 to 104 °F)
Dimensions	: 52.0 x 71.0 x 25.8 mm (2.0 x 2.8 x 1.0 in.)
Weight	: Approx. 56 g (2.0 oz.) (CB-2LU) : Approx. 58 g (2.0 oz.) (CB-2LUE)

Compact Power Adapter CA-PS500

(Included with the separately sold AC Adapter Kit ACK900)

Rated Input	: 100-240 V AC (50/60 Hz) 0.16 A (100 V)-0.11 A (240 V)
Rated Output	: 4.3 V DC/1.5 A
Operating Temperatures	: 0 to 40 °C (32 to 104 °F)
Dimensions	: 42.6 x 104.4 x 31.4 mm (1.7 x 4.1 x 1.2 in.)
Weight	: Approx. 180 g (6.3 oz.)

Index

A

AC Adapter Kit ACK900 166
AE Lock 78
AF Frame 42
AF-assist Beam 43
AiAF 40
Auto Power Down 33
Auto Rotate 90
Autofocus 40, 80
AV Cable AVC-DC100 146

B

Battery
- Capacity 175
- Charging 21
- Handling 22
- Installing 23

C

Compression 61
Continuous Shooting 68
Custom White Balance 86

D

Date/Time 28
DIGITAL Terminal 121, 143
Digital Zoom 41, 67
Direct Interface Cable 16, 121
Direct Print Compatible Bubble Jet Printer 122
Direct Print Compatible Printer (CP Series) 121
Downloading Images to a Computer 142
DPOF 116
DPOF Print Order 131
- Print Style 134
- Printing 137
- Resetting 136
- Selecting Images 131

DPOF Transfer Order 140

E

Erasing 113
- All Images 114
- Single Images 113

Exposure 82

F

FE Lock 79
Flash 63
Focus Lock 76
FUNC. Menu 148

H

Histogram 39

I

Image File Sizes 177
Index Replay 95
Indicators 19
ISO Speed 89

L

Language 30
LCD Monitor 34
- Information Displayed 36
- Using the LCD Monitor 34

M

Macro Mode 65
Magnifying 94
Messages 162
- List of Messages Displayed while a Direct Print Compatible Bubble Jet Printer is Connected 165
- List of Messages Displayed while a Direct Print Compatible Printer (CP series) is Connected 164
- List of Messages during Shooting/Replaying 162

Metering Modes 81

Mode Switch 20
Movie 71
Movie Mode 97
Shooting 71
My Camera Menu 158
Changing 53
Registering 55
My Camera Settings 53
File Format 57

O

ON/OFF Button 32

P

Photo Effect 88
Play Menu 152
Power Lamp 32
Print Settings
(Direct Print Printers) 126
Number of Print Copies 126
Print Area (Trimming) 129
Print Style 126
Protect 112

R

Rec. Menu 150
Red-Eye Reduction Function 64
Reply Mode 20
Resolution 61
Review Duration 60
Rotate 102

S

SD Card 25
Capacities 176
Formatting 115
Handling 27
Installing 25
Self-Timer 69
Set up Menu 154
Shooting Mode 20
Functions Available in Each
Shooting Mode 192
Shutter Button 42
Pressing Fully 43
Pressing Halfway 42
Shutter Speed 83
Single Image Replay 93
Slide Show 107
Play Time 110
Repeat Settings 110
Spot AE Point Frame 37, 81
Stitch Assist 73

T

Telephoto 41

U

USB Cable 143, 144

V

Video Output System 147
Viewfinder 40

W

White Balance 85
Wide Angle 41
Wrist Strap 17

PAGES 181 – 189 = MEMO

Disclaimer

- While every effort has been made to ensure that the information contained in this guide is accurate and complete, no liability can be accepted for any errors or omissions. Canon reserves the right to change the specifications of the hardware and software described herein at any time without prior notice.
- No part of this guide may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form, by any means, without the prior written permission of Canon.
- Canon makes no warranties for damages resulting from corrupted or lost data due to a mistaken operation or malfunction of the camera, the software, SD memory cards (SD cards), personal computers, peripheral devices, or use of non-Canon SD cards.

Trademark Acknowledgments

- Canon and Bubble Jet are trademarks of Canon, Inc.
- iBook and iMac are trademarks of Apple Computer, Inc.
- Macintosh, PowerBook, Power Macintosh and Quick Time are trademarks of Apple Computer, Inc., registered in the United States and other countries.
- Microsoft, Windows and Windows NT are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- SD is a trademark.
- Other names and products not mentioned above may be registered trademarks or trademarks of their respective companies.

Copyright © 2003 Canon Inc. All rights reserved

Functions Available in Each Shooting Mode

The chart below is a reference for the settings available for various shootin conditions. The settings selected in each shooting mode are saved after yo finish shooting.

Function		Auto	M Manual	Stitch Assist	Movie	Referen Page
Resolution	Large L	○*	○*	△*	–	p. 61
	Medium 1 M1	○	○	△	–	
	Medium 2 M2	○	○	△	–	
	Small S	○	○	△	–	
	Movie 640	–	–	–	○	
	Movie 320	–	–	–	○*	
	Movie 160	–	–	–	○	
Compression	Superfine S	○	○	△	–	p. 61
	Fine	○*	○*	△*	–	
	Normal	○	○	△	–	
Flash	Auto A	○	○	–	–	p. 63
	Red-Eye Reduction Auto	○*	○*	–	–	
	On	–	○	△	–	
	Off	○	○	△*	○	
	Slow-Synchro	–	○	△	–	
Macro Mode		○	○	△	○	p. 65
Infinity Mode		–	○	△	○	p. 65
Focus Lock	AFL	–	○	–	–	p. 76
AE Lock	AEL	–	○	–	–	p. 78
FE Lock	FEL	–	○	–	–	p. 79
Shooting Method	Single	○*	○*	△*	○*	–
	Continuous shooting	–	○	–	–	p. 68
	10-sec. self-timer 10	○	○	△	○	p. 69
	2-sec. self-timer 2	○	○	△	○	
Autofocus Modes		–	○	–	–	p. 80
AF-assist Beam		○	○	△	○	p. 43
Digital Zoom		○	○	–	–	p. 67
Exposure Compensation		–	○	△	○	p. 82

Function		Auto	M Manual	M Stitch Assist	Movie	Reference Page
Light Metering Method	Evaluative	–	○*	–	–	p. 81
	Center-Weighted Averaging	–	○	–	–	
	Spot Metering	–	○	–	–	
Long Shutter		–	○	–	–	p. 83
White Balance		–	○	△	○	p. 85
Photo Effect		–	○	△	○	p. 88
ISO Speed		–(1)	○	–(1)	–(1)	p. 89
Auto Rotate		○	○	△	–	p. 90

* Default setting

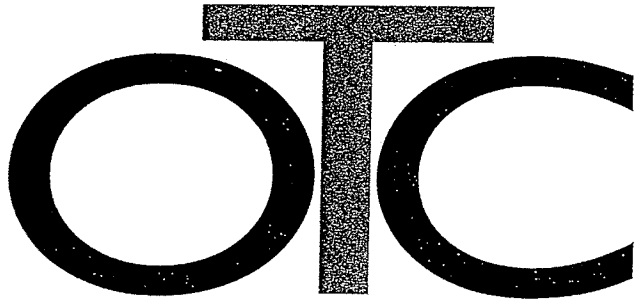
○ Setting available

△ Setting can only be selected for the first image.

(Shaded Area): Setting is memorized even when the camera power is shut off.

(1) The ISO speed is automatically set.

With the exception of the [Date/Time], [Language] and [Video System] settings, all the other menu settings and changes made with the camera buttons can be reset to the default values in a single operation (p. 161).



OTC Ltd, 24 Market Place, Hatfield, Herts, AL10 0LN
Tel: 01707 273773 Fax: 01707 273774 Email: sales@otcworld.co.uk www.otcworld.co.uk